

**Appendix G**  
**2023 Ecological Risk Assessment and Human**  
**Health Risk Assessment**

### Appendix G. 2023 Ecological Risk Assessment and Human Health Risk Assessment

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| <b>Subject</b>      | Ecological Risk Assessment                                                   |
| <b>Project Name</b> | Post-Closure Care and Corrective Action Permit HW-063(D) Application Renewal |
| <b>Attention</b>    | Union Carbide Corporation Woodbine, Camden County, Georgia                   |
| <b>From</b>         | Jacobs Engineering Group Inc.                                                |
| <b>Date</b>         | December 15, 2023                                                            |

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A screening-level ecological risk assessment (SLERA) (Steps 1 and 2) and the Step 3a of the Baseline Ecological Risk Assessment (BERA) were performed for the landfill at the Union Carbide Corporation Woodbine facility (site). The SLERA and Step 3a evaluate risks to aquatic receptors from groundwater that may discharge to Todd Creek. The SLERA and Step 3a were performed in accordance with the following guidance:

- *Ecological Risk Assessment Guidance for Superfund (RAGS): Process for Designing and Conducting Ecological Risk Assessments* (EPA 1997)
- *Region 4 Ecological Risk Assessment Bulletins – Supplement to RAGS* (EPA 2001)
- *Evaluating Ground-Water/Surface-Water Transition Zones in Ecological Risk Assessments* (EPA 2008a).

## 1. Screening-Level Problem Formulation

The SLERA is conducted using intentionally conservative assumptions to identify chemicals of potential ecological concern (COPECs). The principal components of the SLERA are problem formulation (Step 1), exposure estimation, effects evaluation, and risk calculation (Step 2). Problem formulation establishes the goals, scope, and focus of the SLERA. A description of the site setting and summary of available data is compiled to formulate the conceptual site model (CSM). From this information, the exposure pathways, target receptors, and potential effects are determined and serve as the focus for Step 2.

### 1.1 Site Description and Background

The site is located in the Coastal Plain Marine Flatlands region of the Atlantic Coastal Plain physiographic province. The site is within two subregions, the Coastal Marine Flatlands and the Tidal Marine Area. Groundwater from the site in both shallow and deep zones flows to Todd Creek located to the north. More than half of the site is tidal marsh associated with the Satilla River and Todd Creek. The remainder of the site includes scattered wetlands and uplands. The landfill area is currently fenced and has a maintained clay cap cover with grasses and ruderal weeds.

### 1.2 Aquatic Habitat and Receptors

The Satilla River, a tidal river, flows along the northern boundary of the site. Todd Creek, which parallels the Satilla River and includes Floyd Basin, is a tidal creek. These two streams are connected hydrologically through an extensive tidal marsh. Wharton (1978) classified this type of habitat as a coastal marine marsh tidal system. In the western portion of the property, near the former Rocket Test Pit, the banks of Todd Creek are undergoing severe erosion and have undercut banks approximately 15 ft above the stream.

Tidal rivers and creeks support a diverse invertebrate faunal assemblage, with studies indicating up to 20 species of amphipods, 16 species of nantid shrimp, 14 polychaete worm species, 16 crab species, 9 bivalve mollusks, and 9 gastropod mollusks (Wharton 1978). Macrophytic vegetation typically is lacking from the channels of tidal rivers and creeks. Fish species vary with salinity, with higher salinity tending to result in greater numbers but fewer species of fish (Wharton 1978).

Vegetation within the tidal marsh is dominated by near monoculture stands of cordgrass (*Spartina* spp.), saltgrass (*Distichlys spicata*), and black rush (*Juncus roemerianus*). These plants segregate into distinct zones, with cordgrass occurring mostly seaward and black rush occurring mostly inland. The zones divide along salinity gradients. Common animals include numerous species of frogs and snakes, alligators, garfish, and bowfin. Shorebirds and ducks frequent the salt marsh, with particularly high numbers found during winter. Osprey and bald eagles are common, with both species observed nesting on or adjacent to the site. Marsh rabbits and rice rats typically are the most abundant mammals.

The remainder of the site includes scattered wetlands and uplands.

### 1.3 Protected Species

A site survey conducted on July 12, 2004, indicated that the state and federally threatened American alligator (*Alligator mississippiensis*), state and federally endangered wood stork (*Mycteria americana*), state-threatened bald eagle (*Haliaeetus leucocephalus*), and state-threatened gopher tortoise (*G. polyphemus*) occur on the site. The state and federally threatened eastern indigo snake (*D. corais couperi*) also is known to occur on the site, though it was not seen during the site survey. In November 2023, the Georgia Department of Natural Resources Biodiversity Portal was queried to verify the current status of these species. As of this time there has been no change in status. There have been no changes to the site since 2004 that would affect the types of species likely to be present. The site remains undeveloped with the exception of the landfill which is regularly mowed.

The American alligator was observed in the deep part of the borrow pit used for excavation of the material used for the landfill cap. Juvenile wood storks were observed foraging in the wet weather pond near the southern boundary of the property. This species also could forage along the edge of the borrow pit by the landfill or along mudflats and shallows along Todd Creek. There is a known bald eagle nest on the land adjacent to the property to the west. Two adult eagles and one juvenile eagle were observed soaring above the abandoned airstrip and the wetlands on the southwestern part of the property. This species could forage along Todd Creek and Floyd Basin and in the borrow pit adjacent to the landfill. Gopher tortoises are found throughout the property between the airstrip and Todd Creek and also on the peninsula where the Floyd Family cemetery is located. The indigo snake could occur throughout the areas where gopher tortoise are found.

The tidal marsh along Todd Creek and the Satilla River on the northern portion of the property provides habitat that may be used by piping plover (*Charadrius melodus*) and gull-billed tern (*Sterna nilotica*) and periodically used by the peregrine falcon (*Falco peregrinus*) during migration. No potentially suitable nesting or roosting habitat was identified for the swallow-tailed kite (*Elanoides forficatus*), but this species could forage over the property. The Florida manatee (*Trichechus manatus*) may occasionally enter the channels of Todd Creek and the Satilla River.

Potentially suitable habitat has been identified for the state-threatened climbing buckthorn (*Sageretia minutiflora*) and the state-threatened narrowleaf obedient plant (*Physostegia leptophylla*) in the tidal marsh areas.

## 1.4 Conceptual Site Model

The CSM is presented in Figure 1 and key components of the CSM are discussed in Section E.9d of the Post-Closure Care and Corrective Action Permit HW 063(D) Application Renewal Application. Potential migration pathways and media of concern at the site are primarily leaching of subsurface wastes to shallow groundwater, and the hydraulic connection between shallow and deeper water-bearing zones within the uppermost aquifer. The groundwater in both shallow and deep zones flows to Todd Creek located to the north.

As noted above, in Todd Creek, there are potentially complete exposure pathways for aquatic plants and animals exposed to chemicals in surface water, chemicals that may partition to sediment, and chemicals in the transition zone from groundwater to surface water. Plants and animals may be exposed to chemicals via direct (dermal) contact with constituents in water, sediment, and transition zone water. Animals may be exposed to chemicals through one or more of the following pathways:

- Incidental ingestion of constituents in sediment during feeding or preening activities;
- Direct ingestion of constituents in water;
- Ingestion of constituents in plant and/or animal tissues (for chemicals that have entered food webs);
- Dermal contact with constituents in sediment, surface water, or transition water. Dermal exposure is expected to be small for receptors with hair or feathers. However, dermal contact may be a significant pathway for receptors that live in or on sediments (e.g., worms and crabs) or have gills (e.g., fish and shrimp).

Exposure pathways from groundwater to remaining areas of the site, including the scattered wetlands and uplands, are incomplete. Since the landfill is covered with a clay cap, pathways to terrestrial biota in contact with the landfill are also incomplete.

## 1.5 Assessment and Measurement Endpoints

The assessment endpoints for this site are adverse effects to aquatic plant and animal communities in surface water, sediment, and the groundwater-surface water transition zone. The measurement endpoint evaluations for this site are the effects of chemical exposure on reproduction, survival, or growth, which can be used to predict effects at all levels of organization (individual, population, and community); these were considered in the identification and evaluation of the appropriate toxicity information.

## 1.6 Summary of Available Analytical Data

The primary medium of interest for the landfill is groundwater that may discharge to the adjacent area of Todd Creek. For the SLERA, groundwater data collected from 2017 to 2023 in the point of compliance wells (MW-6, MW-7, MW-8, MW-34, MW-38, MW-39) and point of exposure wells (MW-17, MW-18, MW-20, MW-21, MW-23, MW-24, MW-25, MW-41, MW-42) were used (Attachment 1). Only constituents with reported detections were evaluated (Tables 1 and 2).

## 2. Screening-Level Effects Evaluation

The purpose of the screening-level effects evaluation is to establish chemical exposure levels (screening values) that represent conservative thresholds for adverse ecological effects. Based on the CSM, exposures to surface water and sediment through the groundwater/surface water transition, resulting from groundwater discharge, are complete pathways.

Potential effects from groundwater discharge were evaluated by screening groundwater concentrations with surface water screening values. This approach is consistent with EPA (2008a) and expected to be protective of exposures associated with sediment, pore water, and surface water, for the following reasons:

- Groundwater is treated as the exposure medium with no dilution or partitioning between exposure media.
- Screening values based on National Recommended Water Quality Criteria are considered protective of benthic invertebrates.
- Because of the high solubility and low adsorption of most of the dissolved chemicals in site groundwater, they have a low bioaccumulation potential and are not expected to be adsorbed to the organic carbon in sediment.

EPA Region 4 saltwater values were selected for the screening. When no saltwater value was available, the Region 4 freshwater value was used. Region 4 screening values are intended to be protective of all aquatic receptors and exposure pathways and were therefore considered appropriate for the assessment endpoints in this evaluation.

### **3. Screening-Level Exposure Estimation**

Consistent with the conservative nature of the SLERA and the iterative approach to evaluating groundwater discharge, maximum groundwater concentrations were used in the SLERA.

### **4. Step 2 Screening-Level Risk Calculation**

The screening-level risk calculation is the final step in the SLERA. In this step, the maximum detected groundwater concentrations are compared with the corresponding screening values to derive screening risk estimates.

COPECs are selected using the Hazard Quotient (HQ) method. HQs are calculated by dividing the maximum detected concentration by the corresponding screening value. Chemicals with HQs greater than or equal to 1.0 are considered COPECs in the SLERA. Detected chemicals for which toxicological data were not available also were identified as COPECs in the SLERA.

#### **4.1 Selection of Chemicals of Potential Ecological Concern**

The maximum groundwater concentrations are compared to the screening values in Table 2. Of the 32 detected chemicals, 10 had maximum concentrations that exceeded the screening value (i.e., had an HQ greater than or equal to 1.0), and 4 or had no screening value; therefore, 14 COPECs were identified.

### **5. Scientific Management Decision Point 1**

Upon the completion of the SLERA, COPECs were identified for groundwater. This stage of the process represents a Scientific Management Decision Point. Because one or more COPECs were identified during the screening process, additional evaluation in the Step 3a BERA was conducted for this site.

### **6. Step 3a Baseline Ecological Risk Assessment**

According to Superfund guidance (EPA 1997), Step 3 initiates the problem formulation phase of the BERA. In the initial step of the BERA, the COPECs from the SLERA are reexamined using more realistic exposure assumptions to determine the range of potential risks and to determine whether the COPECs

should be eliminated from further consideration. In this initial refinement of the COPECs, the conservative assumptions used in the SLERA are refined, and risk estimates are recalculated.

The assumptions modified for the refinement included the following:

- The maximum detected concentration was replaced with the 95% Upper Confidence Limit on the mean (95UCL). EPA (2008a) recommends “using more realistic exposure point concentrations than those evaluated in the screening [ecological risk assessment] ERA.” These new comparisons will not use maximum detected groundwater concentrations as in the screening ERA, but rather use exposure point concentrations that are reasonably anticipated or expected to exist or occur at a site (the reasonable maximum exposure).” The 95UCL using ProUCL 5.1 was calculated and the ProUCL recommended value was used as the reasonable maximum exposure concentration. ProUCL outputs are included in Attachment 2.

The results of the comparison of the refined exposure concentrations (95UCL, mean value when no UCL could be calculated, or mean detection limit for nondetected chemicals) to screening values (including Oak Ridge National Laboratory and surrogate screening values) are presented in Table 2. Only two COPECs, trichlorophenoxyacetic acid and Barium, had a 95UCL that exceeded the screening value. No other chemicals had exposure concentrations greater than the screening values. Risks from constituents with concentrations below screening values are considered negligible and no further assessment is necessary.

In the case of trichlorophenoxyacetic acid only one result, the maximum (140 micrograms per liter [µg/L]) exceeded the saltwater screening value of 50 µg/L. The other detections ranged from 0.27 to 46 µg/L.

Barium concentrations ranged from 3.9 to 90.6 µg/L, so all but one sample exceeded the screening criteria of 4 µg/L. As previously noted, the screening values are selected to be conservative and error on the side of over protection. If the same results are screened against the Region 4 recommended freshwater value of 220 µg/L no results exceed.

## 7. Uncertainty Assessment

Uncertainties are present in all risk assessments because of the limited available data and the need to make assumptions and extrapolations based on incomplete information. The key uncertainties associated with the calculation of risk in this ERA are listed below:

- Consistent with the approach in EPA (2008b), the maximum or reasonable maximum exposure concentration in groundwater was used for comparison to surface water screening values. However, the concentrations in the groundwater/surface water transition zone and surface water are expected to be diluted significantly from those measured in groundwater. A conservative mixing factor of 1,000 for groundwater to surface water has been presented (Attachment 3), based on the hydrological characteristics of the creek. Since mixing in the groundwater/surface water transition zone was not estimated and is assumed to be less than 1,000 in localized areas, no mixing factor was applied to the groundwater concentrations, when evaluating exposure point concentrations to transition zone biota, which is expected to result in an overestimate of risks.
- Only the most recent data (2017-2023) were used to calculate the 95UCL.
- Risk for some analytes could not be estimated because screening values were lacking. This includes, aldicarb, pyridine, sulfate, and reactive sulfide.
- Information on the ecotoxicological effects of chemical interactions is generally lacking, which required (as is standard for ERAs) that some chemicals (particularly inorganic constituents) be evaluated on a compound-by-compound basis during the comparison to screening values. This could

result in an underestimation of risk (if there are additive or synergistic effects among chemicals) or an overestimation of risks (if there are antagonistic effects among chemicals).

## **8. Scientific Management Decision Point 2**

At Scientific Management Decision Point 2, the results of the BERA problem formulation are considered by the risk managers in determining whether they concur with the assessment endpoints, representative receptors, exposure pathways evaluated, and the conclusions regarding the final COPECs. In this ERA, risks from COPECs are considered negligible and no further assessment is recommended.

Groundwater from the site in both shallow and deep zones flows to Todd Creek. In Todd Creek, there are complete exposure pathways for aquatic plants and animals exposed to chemicals in groundwater discharged to surface water, in sediment, and in the transition zone from groundwater to surface water. In the SLERA, maximum groundwater concentrations were compared to surface water screening values. Of the 32 detected chemicals, 14 were identified as COPECs because the concentrations exceeded the Region 4 benchmarks (10) or had no screening value (4). Because one or more COPECs were identified during the screening process, additional evaluation in the Step 3a BERA was recommended.

In the Step 3a BERA, the COPECs from the SLERA were reexamined using more realistic exposure assumptions to determine the range of potential risks and to determine whether the COPECs should be eliminated from further consideration. As indicated above, the conclusion of the analysis was that risks to populations of creek receptors associated with exposure to groundwater-related constituents are unlikely to be significant. This conclusion is considered to be conservative because (1) dilution upon discharge was not taken into account, (2) the sample-specific concentration for a nondetected constituent was assumed to be equivalent to the detection limit (except in cases where there were too many nondetects to calculate a 95UCL), and (3) the groundwater concentrations detected at each location may not accurately represent the concentration likely to discharge to the creek (sample turbidity could have been elevated in some cases and attenuation/degradation would be likely to occur during migration toward the creek). Considering the 1,000-fold dilution factor (Attachment 3) only, estimated surface water exposure concentrations would be reduced by three orders of magnitude in the creek in a short time period after discharge.

## 9. References

- U.S. Environmental Protection Agency (EPA). 1997. *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*. Interim Final. Environmental Response Team, Edison, NJ.
- U.S. Environmental Protection Agency (EPA). 2001. *EPA Region 4 Ecological Risk Assessment Bulletins - Supplement to RAGS*. Office of Technical Services, Waste Management Division, Atlanta, GA.
- Environmental Protection Agency (EPA). 2008a. *Evaluating Ground-Water/Surface Water Transition Zones in Ecological Risk Assessments*. ECO Update/Ground Water Forum Issue Paper. EPA-540-R-06-072. Office of Solid Waste and Emergency Response.
- U.S. Environmental Protection Agency (EPA). 2008b. *Procedures for the Derivation of Equilibrium Partitioning Sediment Benchmarks (ESBs) for the Protection of Benthic Organisms: Compendium of Tier 2 Values for Nonionic Organics*. EPA-600-R-02-016. Office of Research and Development. Washington, DC 20460.
- Wharton, C.H. 1978. *The natural environments of Georgia*. Georgia Geologic Survey Bulletin. 114. 227pp.

## Tables

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                          | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit |
|----------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|----------------|
| 1,1,1,2-Tetrachloroethane              | 0.14-3                             | 0.4-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.14       | 3          | 0.4       | 10        | 1         | 10        | µg/L           |
| 1,1,1-Trichloroethane                  | 0.2-3                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,1,2,2-Tetrachloroethane              | 0.13-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.13       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,1,2-Trichloroethane                  | 0.09-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.09       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,1-Dichloroethane                     | 0.17-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.17       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,1-Dichloroethene                     | 0.19-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.19       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,1-Dichloropropene                    | 0.14-0.14                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.14       | 0.14       | 1         | 1         | 1         | 1         | µg/L           |
| 1,2,3-Trichlorobenzene                 | 0.54-0.54                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.54       | 0.54       | 1         | 1         | 1         | 1         | µg/L           |
| 1,2,3-Trichloropropane                 | 0.2-3                              | 0.2-50                            | 1-50                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 3          | 0.2       | 50        | 1         | 50        | µg/L           |
| 1,2,4,5-Tetrachlorobenzene             | 0.5-0.6                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.6        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 1,2,4-Trichlorobenzene                 | 0.26-0.54                          | 0.5-2.2                           | 0.9-2.2                           | 0/9                          |                          |                                         | 9               | 0               | 0.26       | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 1,2,4-Trimethylbenzene                 | 0.07-0.07                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.07       | 0.07       | 1         | 1         | 1         | 1         | µg/L           |
| 1,2-Dibromo-3-chloropropane            | 0.3-3                              | 1-50                              | 2-50                              | 0/7                          |                          |                                         | 7               | 0               | 0.3        | 3          | 1         | 50        | 2         | 50        | µg/L           |
| 1,2-Dibromoethane (Ethylene dibromide) | 0.12-2                             | 0.3-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.12       | 2          | 0.3       | 10        | 1         | 10        | µg/L           |
| 1,2-Dichlorobenzene                    | 0.15-0.54                          | 0.5-2.2                           | 0.9-2.2                           | 0/9                          |                          |                                         | 9               | 0               | 0.15       | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 1,2-Dichloroethane                     | 0.21-3                             | 0.5-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.21       | 3          | 0.5       | 10        | 1         | 10        | µg/L           |
| 1,2-Dichloropropane                    | 0.15-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.15       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| 1,3,5-Trimethylbenzene (Mesitylene)    | 0.12-0.12                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.12       | 0.12       | 1         | 1         | 1         | 1         | µg/L           |
| 1,3,5-Trinitrobenzene                  | 5-100                              | 5-220                             | 14-220                            | 0/8                          |                          |                                         | 8               | 0               | 5          | 100        | 5         | 220       | 14        | 220       | µg/L           |
| 1,3-Dichlorobenzene                    | 0.15-0.54                          | 0.5-2.2                           | 0.9-2.2                           | 0/9                          |                          |                                         | 9               | 0               | 0.15       | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 1,3-Dichloropropane                    | 0.21-0.21                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.21       | 0.21       | 1         | 1         | 1         | 1         | µg/L           |
| 1,3-Dinitrobenzene                     | 1.1-2.1                            | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 1.1        | 2.1        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| 1,4-Dichlorobenzene                    | 0.16-0.69                          | 0.5-2.8                           | 0.9-2.8                           | 15/232                       | 2.3                      | MW-07                                   | 232             | 15              | 0.16       | 0.69       | 0.5       | 2.8       | 0.9       | 2.8       | µg/L           |
| 1,4-Dioxane (P-Dioxane)                | 0.9-13                             | 0.9-100                           | 5-100                             | 0/9                          |                          |                                         | 9               | 0               | 0.9        | 13         | 0.9       | 100       | 5         | 100       | µg/L           |
| 1,4-Naphthoquinone                     | 24-27                              | 24-110                            | 57-110                            | 0/8                          |                          |                                         | 8               | 0               | 24         | 27         | 24        | 110       | 57        | 110       | µg/L           |
| 1-Naphthylamine                        | 5-8.6                              | 5-23                              | 14-23                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 8.6        | 5         | 23        | 14        | 23        | µg/L           |
| 2,2-Dichloropropane                    | 0.31-0.31                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.31       | 0.31       | 1         | 1         | 1         | 1         | µg/L           |
| 2,3,4,6-Tetrachlorophenol              | 0.5-4.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 4.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin    | -                                  | 0.00337-0.00337                   | 0.00337-0.00337                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00337   | 0.00337   | 0.00337   | 0.00337   | ng/L           |
| 2,4,5-T (Trichlorophenoxyacetic acid)  | 0.009-4.9                          | 0.009-12                          | 0.02-12                           | 17/204                       | 140                      | MW-41                                   | 204             | 17              | 0.009      | 4.9        | 0.009     | 12        | 0.02      | 12        | µg/L           |
| 2,4,5-Trichlorophenol                  | 0.5-0.7                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.7        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2,4,6-Trichlorophenol                  | 0.5-0.6                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.6        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2,4-D (Dichlorophenoxyacetic acid)     | 0.047-24                           | 0.047-120                         | 0.2-120                           | 5/204                        | 2.6                      | MW-23                                   | 204             | 5               | 0.047      | 24         | 0.047     | 120       | 0.2       | 120       | µg/L           |
| 2,4-Dichlorophenol                     | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2,4-Dimethylphenol                     | 0.5-3.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 3.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 2,4-Dinitrophenol                      | 9-15                               | 9-32                              | 28-32                             | 0/8                          |                          |                                         | 8               | 0               | 9          | 15         | 9         | 32        | 28        | 32        | µg/L           |
| 2,4-Dinitrotoluene                     | 0.9-1.1                            | 0.9-5.4                           | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 0.9        | 1.1        | 0.9       | 5.4       | 5         | 5.4       | µg/L           |
| 2,6-Dichlorophenol                     | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2,6-Dinitrotoluene                     | 0.5-0.7                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.7        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2-Acetylaminofluorene                  | 2-11                               | 2-23                              | 5-23                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 11         | 2         | 23        | 5         | 23        | µg/L           |
| 2-Chloro-1,3-butadiene                 | 0.2-3                              | 0.2-50                            | 5-50                              | 0/6                          |                          |                                         | 6               | 0               | 0.2        | 3          | 0.2       | 50        | 5         | 50        | µg/L           |
| 2-Chloroethyl vinyl ether              | 0.3-3                              | 0.4-100                           | 10-100                            | 0/6                          |                          |                                         | 6               | 0               | 0.3        | 3          | 0.4       | 100       | 10        | 100       | µg/L           |
| 2-Chloronaphthalene                    | 0.4-0.43                           | 0.4-1.1                           | 0.9-1.1                           | 0/8                          |                          |                                         | 8               | 0               | 0.4        | 0.43       | 0.4       | 1.1       | 0.9       | 1.1       | µg/L           |
| 2-Chlorophenol                         | 0.5-0.69                           | 0.5-2.8                           | 0.9-2.8                           | 0/231                        |                          |                                         | 231             | 0               | 0.5        | 0.69       | 0.5       | 2.8       | 0.9       | 2.8       | µg/L           |
| 2-Chlorotoluene                        | 0.15-0.15                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.15       | 0.15       | 1         | 1         | 1         | 1         | µg/L           |
| 2-Hexanone                             | 0.54-4                             | 3-100                             | 10-100                            | 0/7                          |                          |                                         | 7               | 0               | 0.54       | 4          | 3         | 100       | 10        | 100       | µg/L           |
| 2-Methylnaphthalene                    | 0.09-0.51                          | 0.09-0.69                         | 0.5-0.69                          | 27/231                       | 40                       | MW-07                                   | 231             | 27              | 0.09       | 0.51       | 0.09      | 0.69      | 0.5       | 0.69      | µg/L           |
| 2-Methylphenol(O-Cresol)               | 0.5-0.7                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.7        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 2-Naphthylamine                        | 5-7.6                              | 5-23                              | 14-23                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 7.6        | 5         | 23        | 14        | 23        | µg/L           |
| 2-Nitroaniline                         | 0.5-2.1                            | 0.5-5.4                           | 0.9-5.4                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 2.1        | 0.5       | 5.4       | 0.9       | 5.4       | µg/L           |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                              | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit |
|--------------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|----------------|
| 2-Nitrophenol                              | 0.5-3.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 3.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 2-Picoline (alpha-Picoline)                | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| 2-Toluidine                                | 0.5-4.3                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 4.3        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 3,3'-Dichlorobenzidine                     | 2-4.3                              | 2-11                              | 5-11                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 4.3        | 2         | 11        | 5         | 11        | µg/L           |
| 3,3'-Dimethylbenzidine                     | 24-27                              | 24-81                             | 71-81                             | 0/8                          |                          |                                         | 8               | 0               | 24         | 27         | 24        | 81        | 71        | 81        | µg/L           |
| 3-Methylcholanthrene                       | 0.5-4.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 4.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 3-Methylphenol                             | 0.5-3                              | 0.5-3                             | 0.9-5                             | 33/200                       | 210                      | MW-07                                   | 200             | 33              | 0.5        | 3          | 0.5       | 3         | 0.9       | 5         | µg/L           |
| 3-Nitroaniline                             | 0.5-3.2                            | 0.5-7.4                           | 0.9-7.4                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 3.2        | 0.5       | 7.4       | 0.9       | 7.4       | µg/L           |
| 4,6-Dinitro-2-Methylphenol                 | 5-8.6                              | 5-23                              | 14-23                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 8.6        | 5         | 23        | 14        | 23        | µg/L           |
| 4-Aminobiphenyl (4-Biphenylamine)          | 0.5-5.4                            | 0.5-12                            | 0.9-12                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 5.4        | 0.5       | 12        | 0.9       | 12        | µg/L           |
| 4-Bromophenyl phenyl ether                 | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 4-Chloro-3-Methylphenol                    | 0.5-1.7                            | 0.5-5.4                           | 0.9-5.4                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 1.7        | 0.5       | 5.4       | 0.9       | 5.4       | µg/L           |
| 4-Chloroaniline                            | 2-5.5                              | 2-14                              | 4-14                              | 0/231                        |                          |                                         | 231             | 0               | 2          | 5.5        | 2         | 14        | 4         | 14        | µg/L           |
| 4-Chlorophenyl phenyl ether                | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| 4-Chlorotoluene                            | 0.09-0.09                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.09       | 0.09       | 1         | 1         | 1         | 1         | µg/L           |
| 4-Methylphenol (P-Cresol)                  | 0.5-3                              | 0.5-3                             | 0.9-5                             | 18/200                       | 56                       | MW-07                                   | 200             | 18              | 0.5        | 3          | 0.5       | 3         | 0.9       | 5         | µg/L           |
| 4-Nitroaniline                             | 0.5-0.97                           | 0.5-3.2                           | 0.9-3.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.97       | 0.5       | 3.2       | 0.9       | 3.2       | µg/L           |
| 4-Nitrophenol                              | 9-11                               | 9-32                              | 28-32                             | 0/8                          |                          |                                         | 8               | 0               | 9          | 11         | 9         | 32        | 28        | 32        | µg/L           |
| 4-Nitroquinoline-N-oxide                   | 19-22                              | 19-65                             | 57-65                             | 0/8                          |                          |                                         | 8               | 0               | 19         | 22         | 19        | 65        | 57        | 65        | µg/L           |
| 5-Nitro-o-toluidine                        | 0.5-4.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 4.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| 7,12-Dimethylbenz(a)anthracene             | 0.5-5.3                            | 0.5-12                            | 0.9-12                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 5.3        | 0.5       | 12        | 0.9       | 12        | µg/L           |
| Acenaphthene                               | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Acenaphthylene                             | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Acetone                                    | 0.7-190                            | 0.8-250                           | 5-250                             | 84/203                       | 520                      | MW-07                                   | 203             | 84              | 0.7        | 190        | 0.8       | 250       | 5         | 250       | µg/L           |
| Acetonitrile                               | 3-250                              | 3.9-1000                          | 10-1000                           | 24/202                       | 160                      | MW-06                                   | 202             | 24              | 3          | 250        | 3.9       | 1000      | 10        | 1000      | µg/L           |
| Acetophenone                               | 0.5-4.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 4.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| Acrolein                                   | 2-40                               | 3-1000                            | 100-1000                          | 0/6                          |                          |                                         | 6               | 0               | 2          | 40         | 3         | 1000      | 100       | 1000      | µg/L           |
| Acrylonitrile                              | 0.4-4                              | 0.4-200                           | 20-200                            | 0/7                          |                          |                                         | 7               | 0               | 0.4        | 4          | 0.4       | 200       | 20        | 200       | µg/L           |
| Aldicarb (sulfide, sulfoxide, and sulfone) | 0.54-6                             | 0.54-10                           | 2-10                              | 1/198                        | 1.3                      | MW-06                                   | 198             | 1               | 0.54       | 6          | 0.54      | 10        | 2         | 10        | µg/L           |
| Aldicarb sulfone                           | 1-1.2                              | 1-2                               | 2-2                               | 0/6                          |                          |                                         | 6               | 0               | 1          | 1.2        | 1         | 2         | 2         | 2         | µg/L           |
| Aldicarb sulfoxide                         | 1-1.2                              | 1-2                               | 2-2                               | 0/6                          |                          |                                         | 6               | 0               | 1          | 1.2        | 1         | 2         | 2         | 2         | µg/L           |
| Aldrin                                     | 0.001-0.021                        | 0.001-0.21                        | 0.005-0.21                        | 2/7                          | 0.0075                   | MW-08                                   | 7               | 2               | 0.001      | 0.021      | 0.001     | 0.21      | 0.005     | 0.21      | µg/L           |
| Alkalinity to pH 4.5                       | 2600-2600                          | 8000-8000                         | 8000-8000                         | 4/4                          | 250000                   | MW-07                                   | 4               | 4               | 2600       | 2600       | 8000      | 8000      | 8000      | 8000      | µg/L           |
| Allyl chloride(3-Chloropropene)            | 0.2-3                              | 0.2-50                            | 5-50                              | 0/6                          |                          |                                         | 6               | 0               | 0.2        | 3          | 0.2       | 50        | 5         | 50        | µg/L           |
| alpha, alpha-Dimethylphenethylamine        | 5-5.4                              | 5-54                              | 47-54                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 5.4        | 5         | 54        | 47        | 54        | µg/L           |
| alpha-BHC (alpha hexachlorocyclohexane)    | 0.0015-0.25                        | 0.0015-0.25                       | 0.005-0.25                        | 0/7                          |                          |                                         | 7               | 0               | 0.0015     | 0.25       | 0.0015    | 0.25      | 0.005     | 0.25      | µg/L           |
| alpha-Chlordane                            | 0.0024-1.5                         | 0.0024-1.5                        | 0.005-1.5                         | 1/7                          | 0.11                     | MW-08                                   | 7               | 1               | 0.0024     | 1.5        | 0.0024    | 1.5       | 0.005     | 1.5       | µg/L           |
| Ammonia (as N)                             | 93-93                              | 200-200                           | 200-200                           | 1/1                          | 730                      | MW-34                                   | 1               | 1               | 93         | 93         | 200       | 200       | 200       | 200       | µg/L           |
| Aniline (phenylamine, aminobenzene)        | 0.5-3.2                            | 0.5-11                            | 0.9-11                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 3.2        | 0.5       | 11        | 0.9       | 11        | µg/L           |
| Anthracene                                 | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Antimony                                   | 0.2-2                              | 0.41-2                            | 1-2                               | 18/197                       | 1.2                      | MW-07                                   | 197             | 18              | 0.2        | 2          | 0.41      | 2         | 1         | 2         | µg/L           |
| Aramite (total)                            | 5-5.4                              | 5-16                              | 14-16                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 5.4        | 5         | 16        | 14        | 16        | µg/L           |
| Aroclor 1016                               | 0.05-0.13                          | 0.05-0.52                         | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.05       | 0.13       | 0.05      | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1221                               | 0.05-0.13                          | 0.05-0.52                         | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.05       | 0.13       | 0.05      | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1232                               | 0.1-0.26                           | 0.1-0.52                          | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.1        | 0.26       | 0.1       | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1242                               | 0.05-0.13                          | 0.05-0.52                         | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.05       | 0.13       | 0.05      | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1248                               | 0.05-0.13                          | 0.05-0.52                         | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.05       | 0.13       | 0.05      | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1254                               | 0.05-0.13                          | 0.05-0.52                         | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.05       | 0.13       | 0.05      | 0.52      | 0.25      | 0.66      | µg/L           |
| Aroclor 1260                               | 0.076-0.2                          | 0.076-0.52                        | 0.25-0.66                         | 0/6                          |                          |                                         | 6               | 0               | 0.076      | 0.2        | 0.076     | 0.52      | 0.25      | 0.66      | µg/L           |
| Arsenic                                    | 0.68-0.72                          | 0.68-2                            | 2-2                               | 99/197                       | 25                       | MW-06                                   | 197             | 99              | 0.68       | 0.72       | 0.68      | 2         | 2         | 2         | µg/L           |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                         | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit |
|---------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|----------------|
| Barium                                | 0.85-1.1                           | 0.85-5                            | 5-5                               | 195/197                      | 90.8                     | MW-41                                   | 197             | 195             | 0.85       | 1.1        | 0.85      | 5         | 5         | 5         | µg/L           |
| Benzene                               | 0.13-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.13       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Benzo (a) anthracene                  | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Benzo (a) pyrene                      | 0.09-0.12                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.12       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Benzo (b) fluoranthene                | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Benzo (g,h,i) perylene                | 0.09-0.2                           | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.2        | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Benzo (k) fluoranthene                | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Benzyl alcohol                        | 4.3-11                             | 9-32                              | 11-32                             | 0/8                          |                          |                                         | 8               | 0               | 4.3        | 11         | 9         | 32        | 11        | 32        | µg/L           |
| Benzyl butyl phthalate                | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| Beryllium                             | 1-5                                | 1-5                               | 5-5                               | 0/6                          |                          |                                         | 6               | 0               | 1          | 5          | 1         | 5         | 5         | 5         | µg/L           |
| beta-BHC (beta hexachlorocyclohexane) | 0.0017-0.035                       | 0.0017-0.21                       | 0.005-0.21                        | 1/7                          | 0.015                    | MW-08                                   | 7               | 1               | 0.0017     | 0.035      | 0.0017    | 0.21      | 0.005     | 0.21      | µg/L           |
| Bis(2-Chloroethoxy) methane           | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Bis(2-Chloroethyl) ether              | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Bis(2-Chloroisopropyl) ether          | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Bis(2-Ethylhexyl) phthalate           | 2-5.3                              | 2-12                              | 5-12                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 5.3        | 2         | 12        | 5         | 12        | µg/L           |
| Bromobenzene                          | 0.12-0.12                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.12       | 0.12       | 1         | 1         | 1         | 1         | µg/L           |
| Bromodichloromethane                  | 0.17-2                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.17       | 2          | 0.2       | 10        | 1         | 10        | µg/L           |
| Bromoform                             | 0.5-10                             | 0.5-40                            | 1-40                              | 0/7                          |                          |                                         | 7               | 0               | 0.5        | 10         | 0.5       | 40        | 1         | 40        | µg/L           |
| Bromomethane                          | 0.3-3                              | 0.5-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.3        | 3          | 0.5       | 10        | 1         | 10        | µg/L           |
| Cadmium                               | 1-1.8                              | 1-5                               | 5-5                               | 0/6                          |                          |                                         | 6               | 0               | 1          | 1.8        | 1         | 5         | 5         | 5         | µg/L           |
| Carbon Disulfide                      | 0.06-10                            | 0.09-50                           | 1-50                              | 104/203                      | 13                       | MW-07                                   | 203             | 104             | 0.06       | 10         | 0.09      | 50        | 1         | 50        | µg/L           |
| Carbon tetrachloride                  | 0.2-3                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Chlordane                             | 0.081-1.7                          | 0.081-5.2                         | 0.25-5.2                          | 0/7                          |                          |                                         | 7               | 0               | 0.081      | 1.7        | 0.081     | 5.2       | 0.25      | 5.2       | µg/L           |
| Chloride (as Cl)                      | 2800-2800                          | 10000-10000                       | 10000-10000                       | 1/1                          | 600,000                  | MW-34                                   | 1               | 1               | 2800       | 2800       | 10000     | 10000     | 10000     | 10000     | µg/L           |
| Chlorobenzene                         | 0.14-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.14       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Chlorobenzilate                       | 3-3.2                              | 3-11                              | 9-11                              | 0/8                          |                          |                                         | 8               | 0               | 3          | 3.2        | 3         | 11        | 9         | 11        | µg/L           |
| Chlorobromomethane                    | 0.14-0.14                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.14       | 0.14       | 1         | 1         | 1         | 1         | µg/L           |
| Chloroethane                          | 0.2-2                              | 0.3-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.3       | 10        | 1         | 10        | µg/L           |
| Chloroform                            | 0.13-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.13       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Chloromethane                         | 0.06-2                             | 0.3-10                            | 0.5-10                            | 2/10                         | 89                       | MW-06                                   | 10              | 2               | 0.06       | 2          | 0.3       | 10        | 0.5       | 10        | µg/L           |
| Chromium                              | 1.6-15                             | 1.6-15                            | 15-15                             | 34/197                       | 10                       | MW-17                                   | 197             | 34              | 1.6        | 15         | 1.6       | 15        | 15        | 15        | µg/L           |
| Chrysene                              | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| cis-1,2-Dichloroethylene              | 0.16-0.16                          | 0.5-0.5                           | 0.5-0.5                           | 0/1                          |                          |                                         | 1               | 0               | 0.16       | 0.16       | 0.5       | 0.5       | 0.5       | 0.5       | µg/L           |
| cis-1,3-Dichloropropene               | 0.2-2                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.2       | 10        | 1         | 10        | µg/L           |
| Cobalt                                | 1.5-1.7                            | 1.5-5                             | 5-5                               | 0/6                          |                          |                                         | 6               | 0               | 1.5        | 1.7        | 1.5       | 5         | 5         | 5         | µg/L           |
| Copper                                | 4-12                               | 4-20                              | 10-20                             | 0/6                          |                          |                                         | 6               | 0               | 4          | 12         | 4         | 20        | 10        | 20        | µg/L           |
| Cyanide                               | 5-10                               | 5-10                              | 10-10                             | 6/197                        | 7.5                      | MW-06                                   | 197             | 6               | 5          | 10         | 5         | 10        | 10        | 10        | µg/L           |
| delta-BHC                             | 0.0017-0.035                       | 0.0017-0.21                       | 0.005-0.21                        | 0/7                          |                          |                                         | 7               | 0               | 0.0017     | 0.035      | 0.0017    | 0.21      | 0.005     | 0.21      | µg/L           |
| Diallate, total                       | 0.9-2.2                            | 0.9-5.4                           | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 0.9        | 2.2        | 0.9       | 5.4       | 5         | 5.4       | µg/L           |
| Dibenz (a,h) anthracene               | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Dibenzofuran                          | 0.5-0.69                           | 0.5-2.8                           | 0.9-2.8                           | 11/231                       | 2                        | MW-07                                   | 231             | 11              | 0.5        | 0.69       | 0.5       | 2.8       | 0.9       | 2.8       | µg/L           |
| Dibromochloromethane                  | 0.2-2                              | 0.4-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.4       | 10        | 1         | 10        | µg/L           |
| Dibromomethane (Methylene Bromide)    | 0.09-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.09       | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Dichlorodifluoromethane               | 0.2-2                              | 0.3-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.3       | 10        | 1         | 10        | µg/L           |
| Dieldrin                              | 0.0027-0.52                        | 0.0027-0.52                       | 0.01-0.52                         | 1/7                          | 0.017                    | MW-08                                   | 7               | 1               | 0.0027     | 0.52       | 0.0027    | 0.52      | 0.01      | 0.52      | µg/L           |
| Diethyl phthalate                     | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| Dimethyl phthalate                    | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| Dimthoate                             | 3-3.2                              | 3-11                              | 9-11                              | 0/8                          |                          |                                         | 8               | 0               | 3          | 3.2        | 3         | 11        | 9         | 11        | µg/L           |
| Di-n-Butyl phthalate                  | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| Di-n-Octyl phthalate                  | 2-5.4                              | 2-12                              | 5-12                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 5.4        | 2         | 12        | 5         | 12        | µg/L           |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                                 | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit |
|-----------------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|----------------|
| Dinoseb                                       | 0.12-9                             | 0.12-9                            | 0.52-25                           | 1/9                          | 1.4                      | MW-07                                   | 9               | 1               | 0.12       | 9          | 0.12      | 9         | 0.52      | 25        | µg/L           |
| Dissolved Oxygen-Field                        | -                                  | -                                 | -                                 | 37/37                        | 2,290                    | MW-38                                   | 37              | 37              |            |            |           |           |           |           | µg/L           |
| Disulfoton                                    | 0.32-2                             | 0.99-2                            | 0.99-6                            | 1/6                          | 0.46                     | MW-07                                   | 6               | 1               | 0.32       | 2          | 0.99      | 2         | 0.99      | 6         | µg/L           |
| Endosulfan I                                  | 0.0034-0.045                       | 0.0034-0.21                       | 0.008-0.21                        | 2/7                          | 0.067                    | MW-39                                   | 7               | 2               | 0.0034     | 0.045      | 0.0034    | 0.21      | 0.008     | 0.21      | µg/L           |
| Endosulfan II                                 | 0.0076-0.16                        | 0.0076-0.41                       | 0.015-0.41                        | 0/7                          |                          |                                         | 7               | 0               | 0.0076     | 0.16       | 0.0076    | 0.41      | 0.015     | 0.41      | µg/L           |
| Endosulfan sulfate                            | 0.0029-0.06                        | 0.0029-0.31                       | 0.01-0.31                         | 0/7                          |                          |                                         | 7               | 0               | 0.0029     | 0.06       | 0.0029    | 0.31      | 0.01      | 0.31      | µg/L           |
| Endrin                                        | 0.0041-0.084                       | 0.0041-0.31                       | 0.01-0.31                         | 0/7                          |                          |                                         | 7               | 0               | 0.0041     | 0.084      | 0.0041    | 0.31      | 0.01      | 0.31      | µg/L           |
| Endrin aldehyde                               | 0.01-0.21                          | 0.01-1                            | 0.05-1                            | 0/7                          |                          |                                         | 7               | 0               | 0.01       | 0.21       | 0.01      | 1         | 0.05      | 1         | µg/L           |
| Endrin ketone                                 | 0.0025-0.052                       | 0.0025-0.31                       | 0.01-0.31                         | 0/7                          |                          |                                         | 7               | 0               | 0.0025     | 0.052      | 0.0025    | 0.31      | 0.01      | 0.31      | µg/L           |
| Ethyl methacrylate                            | 0.3-3                              | 0.4-50                            | 5-50                              | 0/6                          |                          |                                         | 6               | 0               | 0.3        | 3          | 0.4       | 50        | 5         | 50        | µg/L           |
| Ethyl Methanesulfonate                        | 0.5-0.6                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.6        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Ethylbenzene                                  | 0.05-4                             | 0.05-25                           | 0.5-25                            | 45/203                       | 4.6                      | MW-07                                   | 203             | 45              | 0.05       | 4          | 0.05      | 25        | 0.5       | 25        | µg/L           |
| FAMPHUR                                       | 0.18-3                             | 0.99-3                            | 0.99-6                            | 0/6                          |                          |                                         | 6               | 0               | 0.18       | 3          | 0.99      | 3         | 0.99      | 6         | µg/L           |
| Field Eh                                      | -                                  | -                                 | -                                 | 15/15                        | 1.401                    | MW-07                                   | 15              | 15              |            |            |           |           |           |           | m//cm          |
| Fluoranthene                                  | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Fluorene                                      | 0.09-0.17                          | 0.09-0.69                         | 0.5-0.69                          | 12/231                       | 1                        | MW-07                                   | 231             | 12              | 0.09       | 0.17       | 0.09      | 0.69      | 0.5       | 0.69      | µg/L           |
| Fluoride                                      | 7-29                               | 23-97                             | 23-97                             | 67/197                       | 300                      | MW-21                                   | 197             | 67              | 7          | 29         | 23        | 97        | 23        | 97        | µg/L           |
| FORMALDEHYDE                                  | 10-1000                            | 10-5000                           | 50-5000                           | 156/205                      | 2,100                    | MW-07                                   | 205             | 156             | 10         | 1000       | 10        | 5000      | 50        | 5000      | µg/L           |
| gamma-BHC (lindane)                           | 0.001-0.034                        | 0.001-0.21                        | 0.005-0.21                        | 1/7                          | 0.0022                   | MW-08                                   | 7               | 1               | 0.001      | 0.034      | 0.001     | 0.21      | 0.005     | 0.21      | µg/L           |
| gamma-Chlordane                               | 0.0035-0.46                        | 0.0035-0.46                       | 0.01-0.46                         | 2/7                          | 0.072                    | MW-06                                   | 7               | 2               | 0.0035     | 0.46       | 0.0035    | 0.46      | 0.01      | 0.46      | µg/L           |
| Heptaclor                                     | 0.0016-0.021                       | 0.0016-0.21                       | 0.005-0.21                        | 1/7                          | 0.22                     | MW-08                                   | 7               | 1               | 0.0016     | 0.021      | 0.0016    | 0.21      | 0.005     | 0.21      | µg/L           |
| Heptaclor epoxide                             | 0.0012-0.082                       | 0.0012-0.21                       | 0.005-0.21                        | 2/8                          | 0.025                    | MW-08                                   | 8               | 2               | 0.0012     | 0.082      | 0.0012    | 0.21      | 0.005     | 0.21      | µg/L           |
| Hexachlorobenzene                             | 0.09-0.12                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.12       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Hexachlorobutadiene                           | 0.5-0.83                           | 0.5-2.2                           | 0.9-2.2                           | 0/9                          |                          |                                         | 9               | 0               | 0.5        | 0.83       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Hexachlorocyclopentadiene                     | 5-5.4                              | 5-12                              | 11-15                             | 0/8                          |                          |                                         | 8               | 0               | 5          | 5.4        | 5         | 12        | 11        | 15        | µg/L           |
| Hexachlorodibenzo-p-Dioxin                    | -                                  | 0.00481-0.00481                   | 0.00481-0.00481                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00481   | 0.00481   | 0.00481   | 0.00481   | ng/L           |
| Hexachloroethane                              | 0.54-1.1                           | 0.9-5.4                           | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 0.54       | 1.1        | 0.9       | 5.4       | 5         | 5.4       | µg/L           |
| Hexachloropropene                             | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L           |
| Indeno (1,2,3-c,d) pyrene                     | 0.09-0.12                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.12       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L           |
| Iron                                          | 40-80.5                            | 40-200                            | 200-200                           | 12/13                        | 308                      | MW-07                                   | 13              | 12              | 40         | 80.5       | 40        | 200       | 200       | 200       | µg/L           |
| Iron, Ferrous                                 | 15-50                              | 15-100                            | 50-100                            | 13/13                        | 310                      | MW-07                                   | 13              | 13              | 15         | 50         | 15        | 100       | 50        | 100       | µg/L           |
| Isobutanol                                    | 30-360                             | 30-2500                           | 250-2500                          | 0/6                          |                          |                                         | 6               | 0               | 30         | 360        | 30        | 2500      | 250       | 2500      | µg/L           |
| Isodrin                                       | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Isophorone                                    | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L           |
| Isopropylbenzene (cumene)                     | 0.09-0.09                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.09       | 0.09       | 1         | 1         | 1         | 1         | µg/L           |
| Isosafrole                                    | 2-4.2                              | 2-11                              | 5-11                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 4.2        | 2         | 11        | 5         | 11        | µg/L           |
| Kepone                                        | 0.035-0.73                         | 0.035-2.1                         | 0.1-2.1                           | 0/7                          |                          |                                         | 7               | 0               | 0.035      | 0.73       | 0.035     | 2.1       | 0.1       | 2.1       | µg/L           |
| Lead                                          | 6-7.1                              | 6-15                              | 15-15                             | 0/6                          |                          |                                         | 6               | 0               | 6          | 7.1        | 6         | 15        | 15        | 15        | µg/L           |
| Mercury                                       | 0.05-0.079                         | 0.05-0.2                          | 0.2-0.2                           | 1/6                          | 0.11                     | MW-07                                   | 6               | 1               | 0.05       | 0.079      | 0.05      | 0.2       | 0.2       | 0.2       | µg/L           |
| Methapyrilene                                 | 14-16                              | 14-54                             | 47-54                             | 0/8                          |                          |                                         | 8               | 0               | 14         | 16         | 14        | 54        | 47        | 54        | µg/L           |
| Methoxychlor                                  | 0.024-0.31                         | 0.024-1.1                         | 0.05-1.1                          | 1/7                          | 0.56                     | MW-39                                   | 7               | 1               | 0.024      | 0.31       | 0.024     | 1.1       | 0.05      | 1.1       | µg/L           |
| Methyl ethyl ketone (2-Butanone)              | 0.5-50                             | 0.7-250                           | 5-250                             | 23/203                       | 81                       | MW-41                                   | 203             | 23              | 0.5        | 50         | 0.7       | 250       | 5         | 250       | µg/L           |
| Methyl iodide                                 | 0.2-3                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 3          | 0.2       | 10        | 1         | 10        | µg/L           |
| Methyl isobutyl ketone (4-Methyl-2-pentanone) | 0.42-5                             | 0.5-100                           | 10-100                            | 0/7                          |                          |                                         | 7               | 0               | 0.42       | 5          | 0.5       | 100       | 10        | 100       | µg/L           |
| Methyl methacrylate                           | 0.3-3                              | 0.3-50                            | 5-50                              | 0/6                          |                          |                                         | 6               | 0               | 0.3        | 3          | 0.3       | 50        | 5         | 50        | µg/L           |
| Methyl Methanesulfonate                       | 0.9-2.2                            | 0.9-5.4                           | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 0.9        | 2.2        | 0.9       | 5.4       | 5         | 5.4       | µg/L           |
| Methylacrylonitrile                           | 0.3-60                             | 0.3-500                           | 5-500                             | 1/209                        | 0.3                      | MW-06                                   | 209             | 1               | 0.3        | 60         | 0.3       | 500       | 5         | 500       | µg/L           |
| Methylene chloride                            | 0.06-5                             | 0.06-25                           | 0.5-25                            | 19/203                       | 0.73                     | MW-06                                   | 203             | 19              | 0.06       | 5          | 0.06      | 25        | 0.5       | 25        | µg/L           |
| Naphthalene                                   | 0.09-0.89                          | 0.09-1                            | 0.5-1                             | 61/232                       | 54                       | MW-06                                   | 232             | 61              | 0.09       | 0.89       | 0.09      | 1         | 0.5       | 1         | µg/L           |
| n-Butylbenzene                                | 0.14-0.14                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.14       | 0.14       | 1         | 1         | 1         | 1         | µg/L           |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                   | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit          |
|---------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|-------------------------|
| Nickel                          | 2.1-4                              | 2.1-10                            | 10-10                             | 25/197                       | 8.8                      | MW-23                                   | 197             | 25              | 2.1        | 4          | 2.1       | 10        | 10        | 10        | µg/L                    |
| Nitrobenzene                    | 0.5-0.8                            | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.8        | 0.5       | 2.2       | 0.9       | 2.2       | µg/L                    |
| Nitrogen, Nitrate (as N)        | 40-40                              | 40-100                            | 100-100                           | 7/13                         | 160                      | MW-07                                   | 13              | 7               | 40         | 40         | 40        | 100       | 100       | 100       | µg/L                    |
| Nitrogen, Nitrate-Nitrite       | 31-31                              | 100-100                           | 100-100                           | 0/1                          |                          |                                         | 1               | 0               | 31         | 31         | 100       | 100       | 100       | 100       | µg/L                    |
| Nitrogen, Nitrite               | 15-15                              | 15-50                             | 50-50                             | 2/14                         | 35                       | MW-07                                   | 14              | 2               | 15         | 15         | 15        | 50        | 50        | 50        | µg/L                    |
| N-Nitrosodiethylamine           | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L                    |
| N-Nitrosodimethylamine          | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| N-Nitroso-di-N-butylamine       | 2-13                               | 2-26                              | 5-26                              | 0/8                          |                          |                                         | 8               | 0               | 2          | 13         | 2         | 26        | 5         | 26        | µg/L                    |
| N-Nitrosodi-N-propylamine       | 0.5-0.74                           | 0.5-3.2                           | 0.9-3.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.74       | 0.5       | 3.2       | 0.9       | 3.2       | µg/L                    |
| N-Nitrosodiphenylamine          | 0.5-0.74                           | 0.5-3.2                           | 0.9-3.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.74       | 0.5       | 3.2       | 0.9       | 3.2       | µg/L                    |
| N-Nitrosomethylethylamine       | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| N-Nitrosomorpholine             | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| N-Nitrosopiperidine             | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L                    |
| N-Nitrosopyrrolidine            | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L                    |
| n-Propylbenzene                 | 0.15-0.15                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.15       | 0.15       | 1         | 1         | 1         | 1         | µg/L                    |
| O,O,O-Triethyl phosphorothioate | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| ORP-Field                       | -                                  | -                                 | -                                 | 22/22                        | 140.5                    | MW-38                                   | 22              | 22              |            |            |           |           |           |           | mV                      |
| Oxidation Reduction Potential   | -                                  | -                                 | -                                 | 15/15                        | 80.7                     | MW-34                                   | 15              | 15              |            |            |           |           |           |           | mV                      |
| p,p'-DDD                        | 0.0025-0.052                       | 0.0025-0.31                       | 0.01-0.31                         | 0/7                          |                          |                                         | 7               | 0               | 0.0025     | 0.052      | 0.0025    | 0.31      | 0.01      | 0.31      | µg/L                    |
| p,p'-DDE                        | 0.004-0.052                        | 0.004-0.31                        | 0.01-0.31                         | 2/7                          | 0.15                     | MW-07                                   | 7               | 2               | 0.004      | 0.052      | 0.004     | 0.31      | 0.01      | 0.31      | µg/L                    |
| p,p'-DDT                        | 0.0026-0.054                       | 0.0026-0.31                       | 0.01-0.31                         | 1/7                          | 0.0093                   | MW-08                                   | 7               | 1               | 0.0026     | 0.054      | 0.0026    | 0.31      | 0.01      | 0.31      | µg/L                    |
| PARATHION, ETHYL                | 0.14-2                             | 0.99-2                            | 0.99-6                            | 0/6                          |                          |                                         | 6               | 0               | 0.14       | 2          | 0.99      | 2         | 0.99      | 6         | µg/L                    |
| PARATHION, METHYL               | 0.14-2                             | 1.9-4.1                           | 4-6                               | 1/6                          | 0.19                     | MW-07                                   | 6               | 1               | 0.14       | 2          | 1.9       | 4.1       | 4         | 6         | µg/L                    |
| p-Dimethylaminoazobenzene       | 0.5-5.8                            | 0.5-13                            | 0.9-13                            | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 5.8        | 0.5       | 13        | 0.9       | 13        | µg/L                    |
| Pentachlorobenzene              | 0.5-0.54                           | 0.5-2.2                           | 0.9-2.2                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.54       | 0.5       | 2.2       | 0.9       | 2.2       | µg/L                    |
| Pentachlorodibenzo-p-Dioxin     | -                                  | 0.00468-0.00468                   | 0.00468-0.00468                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00468   | 0.00468   | 0.00468   | 0.00468   | ng/L                    |
| Pentachloroethane               | 0.2-2.1                            | 0.2-50                            | 5-50                              | 0/6                          |                          |                                         | 6               | 0               | 0.2        | 2.1        | 0.2       | 50        | 5         | 50        | µg/L                    |
| Pentachloronitrobenzene         | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| Pentachlorophenol               | 0.9-1.1                            | 0.9-5.4                           | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 0.9        | 1.1        | 0.9       | 5.4       | 5         | 5.4       | µg/L                    |
| pH (field)                      | -                                  | -                                 | -                                 | 15/15                        | 6.96                     | MW-18                                   | 15              | 15              |            |            |           |           |           |           | s.u.                    |
| pH (field)                      | -                                  | -                                 | -                                 | 22/22                        | 7.29                     | MW-18                                   | 22              | 22              |            |            |           |           |           |           | pH UNITS                |
| Phenacetin                      | 0.5-0.7                            | 0.5-5.4                           | 0.9-5.4                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 0.7        | 0.5       | 5.4       | 0.9       | 5.4       | µg/L                    |
| Phenanthrene                    | 0.09-0.15                          | 0.09-0.69                         | 0.5-0.69                          | 14/231                       | 1                        | MW-07                                   | 231             | 14              | 0.09       | 0.15       | 0.09      | 0.69      | 0.5       | 0.69      | µg/L                    |
| Phenol                          | 0.5-0.69                           | 0.5-2.8                           | 0.9-2.8                           | 17/231                       | 81                       | MW-07                                   | 231             | 17              | 0.5        | 0.69       | 0.5       | 2.8       | 0.9       | 2.8       | µg/L                    |
| Phenolphthalein Alkalinity      | 1.7-2.6                            | 1.7-2.6                           | 5-8                               | 0/5                          |                          |                                         | 5               | 0               | 1.7        | 2.6        | 1.7       | 2.6       | 5         | 8         | mg CaCO <sub>3</sub> /L |
| Phenolphthalein Alkalinity      | 1700-8000                          | 5000-8000                         | 5000-8000                         | 0/8                          |                          |                                         | 8               | 0               | 1700       | 8000       | 5000      | 8000      | 5000      | 8000      | µg/L                    |
| PHORATE                         | 0.15-2                             | 1.2-2                             | 1.2-6                             | 1/6                          | 0.31                     | MW-07                                   | 6               | 1               | 0.15       | 2          | 1.2       | 2         | 1.2       | 6         | µg/L                    |
| p-Isopropyltoluene              | 0.13-0.13                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.13       | 0.13       | 1         | 1         | 1         | 1         | µg/L                    |
| p-Phenylenediamine              | 71-81                              | 71-320                            | 280-320                           | 0/8                          |                          |                                         | 8               | 0               | 71         | 81         | 71        | 320       | 280       | 320       | µg/L                    |
| Propionitrile                   | 13-140                             | 13-1000                           | 100-1000                          | 0/6                          |                          |                                         | 6               | 0               | 13         | 140        | 13        | 1000      | 100       | 1000      | µg/L                    |
| Propyzamide                     | 0.5-2.2                            | 0.5-5.4                           | 0.9-5.4                           | 0/8                          |                          |                                         | 8               | 0               | 0.5        | 2.2        | 0.5       | 5.4       | 0.9       | 5.4       | µg/L                    |
| Pyrene                          | 0.09-0.11                          | 0.09-0.54                         | 0.5-0.54                          | 0/8                          |                          |                                         | 8               | 0               | 0.09       | 0.11       | 0.09      | 0.54      | 0.5       | 0.54      | µg/L                    |
| Pyridine                        | 2-2.8                              | 2-6.9                             | 5-6.9                             | 38/231                       | 40                       | MW-07                                   | 231             | 38              | 2          | 2.8        | 2         | 6.9       | 5         | 6.9       | µg/L                    |
| Safrole                         | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| sec-Butylbenzene                | 0.13-0.13                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.13       | 0.13       | 1         | 1         | 1         | 1         | µg/L                    |
| Selenium                        | 0.28-0.65                          | 0.28-2                            | 1-2                               | 105/197                      | 5.7                      | MW-07                                   | 197             | 105             | 0.28       | 0.65       | 0.28      | 2         | 1         | 2         | µg/L                    |
| Silver                          | 2.4-5                              | 2.4-10                            | 5-10                              | 0/6                          |                          |                                         | 6               | 0               | 2.4        | 5          | 2.4       | 10        | 5         | 10        | µg/L                    |
| Silvex (2,4,5-TP)               | 0.009-4.9                          | 0.009-12                          | 0.02-12                           | 0/204                        |                          |                                         | 204             | 0               | 0.009      | 4.9        | 0.009     | 12        | 0.02      | 12        | µg/L                    |
| Specific Conductance (field)    | -                                  | -                                 | -                                 | 8/8                          | 690                      | MW-06,MW-07                             | 8               | 8               |            |            |           |           |           |           | µs/cm                   |
| Specific Conductance (field)    | -                                  | -                                 | -                                 | 14/14                        | 1.029                    | MW-06,MW-07                             | 14              | 14              |            |            |           |           |           |           | mS/cm                   |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                          | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit          |
|----------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|-------------------------|
| Styrene                                | 0.1-3                              | 0.2-50                            | 1-50                              | 0/7                          |                          |                                         | 7               | 0               | 0.1        | 3          | 0.2       | 50        | 1         | 50        | µg/L                    |
| Sulfate                                | 1500-3000                          | 1500-10000                        | 5000-10000                        | 13/13                        | 51,000                   | MW-07                                   | 13              | 13              | 1500       | 3000       | 1500      | 10000     | 5000      | 10000     | µg/L                    |
| Sulfide, Reactive                      | 30-10000                           | 30-15000                          | 100-30000                         | 111/197                      | 99,600                   | MW-41                                   | 197             | 111             | 30         | 10000      | 30        | 15000     | 100       | 30000     | µg/L                    |
| t-Butylbenzene                         | 0.14-0.14                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.14       | 0.14       | 1         | 1         | 1         | 1         | µg/L                    |
| Temperature (field)                    | -                                  | -                                 | -                                 | 37/37                        | 25.61                    | MW-23                                   | 37              | 37              |            |            |           |           |           |           | deg C                   |
| tert-Butyl methyl ether                | 0.07-0.07                          | 1-1                               | 1-1                               | 0/1                          |                          |                                         | 1               | 0               | 0.07       | 0.07       | 1         | 1         | 1         | 1         | µg/L                    |
| Tetrachlorodibenzo-p-dioxin            | -                                  | 0.00337-0.00337                   | 0.00337-0.00337                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00337   | 0.00337   | 0.00337   | 0.00337   | ng/L                    |
| Tetrachloroethylene (PCE)              | 0.15-3                             | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.15       | 3          | 0.2       | 10        | 1         | 10        | µg/L                    |
| Thallium                               | 0.11-0.13                          | 0.11-0.5                          | 0.5-0.5                           | 0/6                          |                          |                                         | 6               | 0               | 0.11       | 0.13       | 0.11      | 0.5       | 0.5       | 0.5       | µg/L                    |
| Thiodiphosphoric acid tetraethyl ester | 0.17-2                             | 1.5-2                             | 1.5-6                             | 0/6                          |                          |                                         | 6               | 0               | 0.17       | 2          | 1.5       | 2         | 1.5       | 6         | µg/L                    |
| Thionazin                              | 2-2.2                              | 2-5.4                             | 5-5.4                             | 0/8                          |                          |                                         | 8               | 0               | 2          | 2.2        | 2         | 5.4       | 5         | 5.4       | µg/L                    |
| Tin                                    | 7-8.4                              | 7-50                              | 20-50                             | 0/6                          |                          |                                         | 6               | 0               | 7          | 8.4        | 7         | 50        | 20        | 50        | µg/L                    |
| TOC Replicate 1                        | 500-2500                           | 1000-5000                         | 1000-5000                         | 7/7                          | 59,000                   | MW-07                                   | 7               | 7               | 500        | 2500       | 1000      | 5000      | 1000      | 5000      | µg/L                    |
| TOC Replicate 2                        | 500-2500                           | 1000-5000                         | 1000-5000                         | 7/7                          | 60,000                   | MW-07                                   | 7               | 7               | 500        | 2500       | 1000      | 5000      | 1000      | 5000      | µg/L                    |
| TOC Replicate 3                        | 500-2500                           | 1000-5000                         | 1000-5000                         | 7/7                          | 58,000                   | MW-07                                   | 7               | 7               | 500        | 2500       | 1000      | 5000      | 1000      | 5000      | µg/L                    |
| TOC Replicate 4                        | 500-2500                           | 1000-5000                         | 1000-5000                         | 7/7                          | 60,000                   | MW-07                                   | 7               | 7               | 500        | 2500       | 1000      | 5000      | 1000      | 5000      | µg/L                    |
| Toluene                                | 0.05-4                             | 0.05-25                           | 0.5-25                            | 78/203                       | 10                       | MW-41                                   | 203             | 78              | 0.05       | 4          | 0.05      | 25        | 0.5       | 25        | µg/L                    |
| Total Alkalinity                       | 1700-8000                          | 5000-8000                         | 5000-8000                         | 4/4                          | 543,000                  | MW-07                                   | 4               | 4               | 1700       | 8000       | 5000      | 8000      | 5000      | 8000      | µg/L                    |
| Total Alkalinity                       | 1.7-2.6                            | 1.7-2.6                           | 5-8                               | 5/5                          | 592                      | MW-07                                   | 5               | 5               | 1.7        | 2.6        | 1.7       | 2.6       | 5         | 8         | mg CaCO <sub>3</sub> /L |
| Total dissolved solids                 | 16000-16000                        | 20000-20000                       | 20000-20000                       | 1/1                          | 1,600,000                | MW-34                                   | 1               | 1               | 16000      | 16000      | 20000     | 20000     | 20000     | 20000     | µg/L                    |
| Total HCDF Isomers                     | -                                  | 0.00333-0.00333                   | 0.00333-0.00333                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00333   | 0.00333   | 0.00333   | 0.00333   | ng/L                    |
| Total organic carbon                   | 500-5000                           | 1000-5000                         | 1000-10000                        | 13/13                        | 233,000                  | MW-07                                   | 13              | 13              | 500        | 5000       | 1000      | 5000      | 1000      | 10000     | µg/L                    |
| Total PeCDF                            | -                                  | 0.00572-0.00572                   | 0.00572-0.00572                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00572   | 0.00572   | 0.00572   | 0.00572   | ng/L                    |
| Total TCDF                             | -                                  | 0.00398-0.00398                   | 0.00398-0.00398                   | 0/1                          |                          |                                         | 1               | 0               |            |            | 0.00398   | 0.00398   | 0.00398   | 0.00398   | ng/L                    |
| Toxaphene                              | 0.15-3.1                           | 0.15-10                           | 0.5-10                            | 0/7                          |                          |                                         | 7               | 0               | 0.15       | 3.1        | 0.15      | 10        | 0.5       | 10        | µg/L                    |
| trans-1,2-Dichloroethylene             | 0.19-3                             | 0.2-10                            | 0.5-10                            | 0/7                          |                          |                                         | 7               | 0               | 0.19       | 3          | 0.2       | 10        | 0.5       | 10        | µg/L                    |
| trans-1,3-Dichloropropene              | 0.2-2                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.2       | 10        | 1         | 10        | µg/L                    |
| trans-1,4-Dichloro-2-butene            | 4-60                               | 4-500                             | 50-500                            | 0/6                          |                          |                                         | 6               | 0               | 4          | 60         | 4         | 500       | 50        | 500       | µg/L                    |
| Trichloroethene (TCE)                  | 0.1-3                              | 0.2-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.1        | 3          | 0.2       | 10        | 1         | 10        | µg/L                    |
| Trichlorofluoromethane                 | 0.2-2                              | 0.4-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.4       | 10        | 1         | 10        | µg/L                    |
| Turbidity-Field                        | -                                  | -                                 | -                                 | 37/37                        | 16.5                     | MW-24                                   | 37              | 37              |            |            |           |           |           |           | NTU                     |
| Vanadium                               | 0.2-1.6                            | 0.21-4                            | 0.5-4                             | 169/197                      | 56.3                     | MW-07                                   | 197             | 169             | 0.2        | 1.6        | 0.21      | 4         | 0.5       | 4         | µg/L                    |
| Vinyl acetate                          | 0.7-20                             | 0.7-100                           | 10-100                            | 0/6                          |                          |                                         | 6               | 0               | 0.7        | 20         | 0.7       | 100       | 10        | 100       | µg/L                    |
| Vinyl chloride                         | 0.2-2                              | 0.4-10                            | 1-10                              | 0/7                          |                          |                                         | 7               | 0               | 0.2        | 2          | 0.4       | 10        | 1         | 10        | µg/L                    |
| Water Level                            | -                                  | -                                 | -                                 | 22/22                        | 23.78                    | MW-21                                   | 22              | 22              |            |            |           |           |           |           | ft                      |
| Xylenes, Total                         | 0.07-14                            | 0.08-60                           | 0.5-60                            | 47/219                       | 33                       | MW-41                                   | 219             | 47              | 0.07       | 14         | 0.08      | 60        | 0.5       | 60        | µg/L                    |
| Zinc                                   | 3-20                               | 3-20                              | 20-20                             | 22/197                       | 14.8                     | MW-39                                   | 197             | 22              | 3          | 20         | 3         | 20        | 20        | 20        | µg/L                    |

Table 1. Groundwater Data Evaluation - 2017 to 2023 Data

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDL<br>Detection<br>Level<br>Range | RL<br>Detection<br>Level<br>Range | QL<br>Detection<br>Level<br>Range | Frequency<br>of<br>Detection | Maximum<br>Concentration | Location of<br>Maximum<br>Concentration | Result<br>Count | Detect<br>Count | Min<br>MDL | Max<br>MDL | Min<br>RL | Max<br>RL | Min<br>QL | Max<br>QL | Result<br>Unit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------|--------------------------|-----------------------------------------|-----------------|-----------------|------------|------------|-----------|-----------|-----------|-----------|----------------|
| Notes:<br>µg/L = micrograms per liter<br>µS/cm = microsiemens per centimeter<br>< = less than<br>% = percent<br>deg C = degrees Celcius<br>Eco = ecological<br>ft = feet<br>HCDF = Hexachlorodibenzofuran<br>HQ = hazard quotient<br>Max = maximum<br>MDL = method detection limit<br>mg CaCO <sub>3</sub> = miligrams of Calcium carbonate<br>Min = minimum<br>mS/cm = milisiemens per centimeter<br>MV = milivolts<br>MW = monitoring well<br>ng/L = nanograms per liter<br>NSV = no screening value available<br>NTU = nephthelometric turbidity units<br>PeCDF = Pentachlorodibenzofuran<br>QL = quantitation limit<br>RL = reporting limit<br>S.U. = standard units<br>TCDF = 2,3,7,8-Tetrachlorodibenzofuran<br>UCC = Union Carbide Corporation<br>UCL = upper confidence level |                                    |                                   |                                   |                              |                          |                                         |                 |                 |            |            |           |           |           |           |                |

Table 2. Groundwater Data Evaluation - 2017 to 2023 Detections

Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Chemical Name                              | MDL Detection       | RL Detection        | QL Detection        | Frequency<br>of<br>Detection | Maximum<br>Concentration<br>µg/L | Location of<br>Maximum<br>Concentration | Region 4 Eco Screening | Screening Step<br>Max HQ | 95% UCL<br>µg/L | Step 3a       |
|--------------------------------------------|---------------------|---------------------|---------------------|------------------------------|----------------------------------|-----------------------------------------|------------------------|--------------------------|-----------------|---------------|
|                                            | Level Range<br>µg/L | Level Range<br>µg/L | Level Range<br>µg/L |                              |                                  |                                         | Value<br>µg/L          |                          |                 | 95% UCL<br>HQ |
| 1,4-Dichlorobenzene                        | 0.16-0.69           | 0.5-2.8             | 0.9-2.8             | 15/232                       | 2.3                              | MW-07                                   | 115                    | <1                       |                 |               |
| 2,4,5-T (Trichlorophenoxyacetic acid)      | 0.009-4.9           | 0.009-12            | 0.02-12             | 17/204                       | 140                              | MW-41                                   | 50                     | 2.8                      | 96.4            | 1.9           |
| 2,4-D (Dichlorophenoxyacetic acid)         | 0.047-24            | 0.047-120           | 0.2-120             | 5/204                        | 2.6                              | MW-23                                   | 70                     | <1                       |                 |               |
| 2-Methylnaphthalene                        | 0.09-0.51           | 0.09-0.69           | 0.5-0.69            | 27/231                       | 40                               | MW-07                                   | 52                     | <1                       |                 |               |
| 3-Methylphenol                             | 0.5-3               | 0.5-3               | 0.9-5               | 33/200                       | 210                              | MW-07                                   | 995                    | <1                       |                 |               |
| 4-Methylphenol (Para-Cresol)               | 0.5-3               | 0.5-3               | 0.9-5               | 18/200                       | 56                               | MW-07                                   | 405                    | <1                       |                 |               |
| Acetone                                    | 0.7-190             | 0.8-250             | 5-250               | 84/203                       | 520                              | MW-07                                   | 117629                 | <1                       |                 |               |
| Acetonitrile                               | 3-250               | 3.9-1000            | 10-1000             | 24/202                       | 160                              | MW-06                                   | 73429                  | <1                       |                 |               |
| Aldicarb (sulfide, sulfoxide, and sulfone) | 0.54-6              | 0.54-10             | 2-10                | 1/198                        | 1.3                              | MW-06                                   | NSV                    | NSV                      |                 |               |
| Antimony                                   | 0.2-2               | 0.41-2              | 1-2                 | 18/197                       | 1.2                              | MW-07                                   | 4300                   | <1                       |                 |               |
| Arsenic                                    | 0.68-0.72           | 0.68-2              | 2-2                 | 99/197                       | 25                               | MW-06                                   | 36                     | <1                       |                 |               |
| Barium                                     | 0.85-1.1            | 0.85-5              | 5-5                 | 195/197                      | 90.8                             | MW-41                                   | 4                      | 22.7                     | 30.6            | 7.65          |
| Carbon Disulfide                           | 0.06-10             | 0.09-50             | 1-50                | 104/203                      | 13                               | MW-07                                   | 253                    | <1                       |                 |               |
| Chloromethane                              | 0.06-2              | 0.3-10              | 0.5-10              | 2/10                         | 89                               | MW-06                                   | 2276                   | <1                       |                 |               |
| Chromium                                   | 1.6-15              | 1.6-15              | 15-15               | 34/197                       | 10                               | MW-17                                   | 103                    | <1                       |                 |               |
| Dibenzofuran                               | 0.5-0.69            | 0.5-2.8             | 0.9-2.8             | 11/231                       | 2                                | MW-07                                   | 61                     | <1                       |                 |               |
| Ethylbenzene                               | 0.05-4              | 0.05-25             | 0.5-25              | 45/203                       | 4.6                              | MW-07                                   | 25                     | <1                       |                 |               |
| Fluorene                                   | 0.09-0.17           | 0.09-0.69           | 0.5-0.69            | 12/231                       | 1                                | MW-07                                   | 19                     | <1                       |                 |               |
| Fluoride                                   | 7-29                | 23-97               | 23-97               | 67/197                       | 300                              | MW-21                                   | 5000                   | <1                       |                 |               |
| FORMALDEHYDE                               | 10-1000             | 10-5000             | 50-5000             | 156/205                      | 2100                             | MW-07                                   | 216                    | 11.5                     | 162.5           | <1            |
| Iron                                       | 40-80.5             | 40-200              | 200-200             | 12/13                        | 308                              | MW-07                                   | 300                    | 1.03                     | 158             | <1            |
| Iron, Ferrous                              | 15-50               | 15-100              | 50-100              | 13/13                        | 310                              | MW-07                                   | 300                    | 1.03                     | 175             | <1            |
| Mercury                                    | 0.05-0.079          | 0.05-0.2            | 0.2-0.2             | 1/6                          | 0.11                             | MW-07                                   | 0.94                   | <1                       |                 |               |
| Methyl ethyl ketone (2-Butanone)           | 0.5-50              | 0.7-250             | 5-250               | 23/203                       | 81                               | MW-41                                   | 65965                  | <1                       |                 |               |
| Methylacrylonitrile                        | 0.3-60              | 0.3-500             | 5-500               | 1/209                        | 0.3                              | MW-06                                   | 391                    | <1                       |                 |               |
| Methylene chloride                         | 0.06-5              | 0.06-25             | 0.5-25              | 19/203                       | 0.73                             | MW-06                                   | 1580                   | <1                       |                 |               |
| Naphthalene                                | 0.09-0.89           | 0.09-1              | 0.5-1               | 61/232                       | 54                               | MW-06                                   | 1.4                    | 2.6                      | 15.51           | <1            |
| Nickel                                     | 2.1-4               | 2.1-10              | 10-10               | 25/197                       | 8.8                              | MW-23                                   | 8.2                    | 1.07                     | 4.5             | <1            |
| Phenanthrene                               | 0.09-0.15           | 0.09-0.69           | 0.5-0.69            | 14/231                       | 1                                | MW-07                                   | 7.7                    | <1                       |                 |               |
| Phenol                                     | 0.5-0.69            | 0.5-2.8             | 0.9-2.8             | 17/231                       | 81                               | MW-07                                   | 58                     | 1.4                      | 38.4            | <1            |
| Pyridine                                   | 2-2.8               | 2-6.9               | 5-6.9               | 38/231                       | 40                               | MW-07                                   | NSV                    | NSV                      |                 |               |
| Selenium                                   | 0.28-0.65           | 0.28-2              | 1-2                 | 105/197                      | 5.7                              | MW-07                                   | 71                     | 1.1                      | 1.69            | <1            |
| Sulfate                                    | 1500-3000           | 1500-10000          | 5000-10000          | 13/13                        | 51000                            | MW-07                                   | NSV                    | NSV                      |                 |               |
| Sulfide, Reactive                          | 30-10000            | 30-15000            | 100-30000           | 111/197                      | 99600                            | MW-41                                   | NSV                    | NSV                      |                 |               |
| Toluene                                    | 0.05-4              | 0.05-25             | 0.5-25              | 78/203                       | 10                               | MW-41                                   | 215                    | <1                       |                 |               |
| Vanadium                                   | 0.2-1.6             | 0.21-4              | 0.5-4               | 169/197                      | 56.3                             | MW-07                                   | 27                     | 2.1                      | 8.9             | <1            |
| Xylenes, Total                             | 0.07-14             | 0.08-60             | 0.5-60              | 47/219                       | 33                               | MW-41                                   | 260                    | <1                       |                 |               |
| Zinc                                       | 3-20                | 3-20                | 20-20               | 22/197                       | 14.8                             | MW-39                                   | 81                     | <1                       |                 |               |

Notes:

Shaded cells indicate HQ >1

µg/L = micrograms per liter

< = less than

% = percent

Eco = ecological

HQ = hazard quotient

MDL = method detection limit

MW = monitoring well

NSV = no screening value available

QL = quantitation limit

RL = reporting limit

UCC = Union Carbide Corporation

UCL = upper confidence level

**Figure**

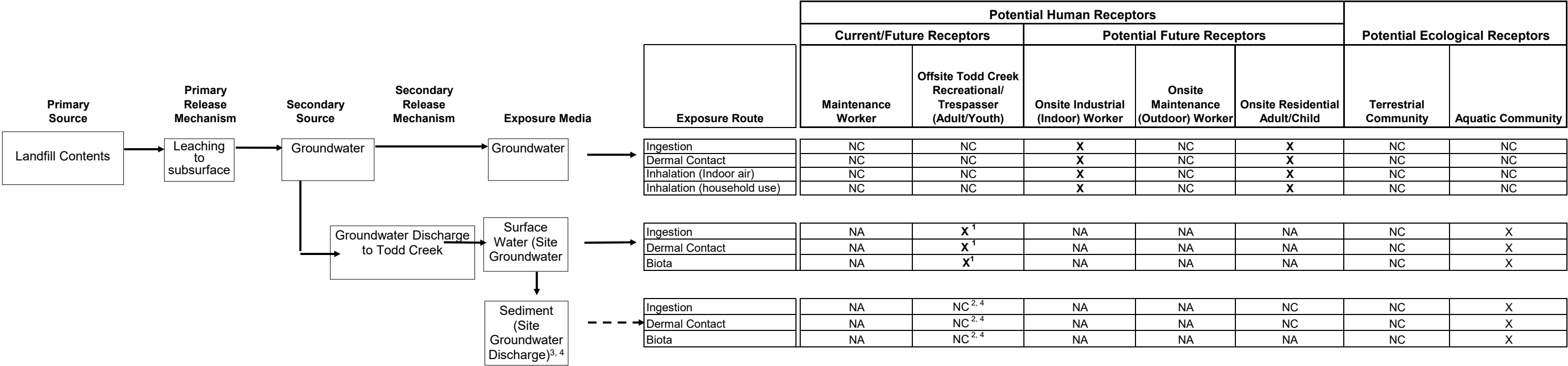


**FIGURE 1**  
Conceptual Site Model for UCC Woodbine Site  
Human and Ecological Receptors  
*Appendix G - Ecological Risk Assessment*  
UCC Woodbine, Camden County, Georgia

NC = Pathway is incomplete  
NA = Not Applicable  
X = Completed exposure pathways  
<sup>1</sup> = Assumes no dilution attenuation as groundwater releases to surface water bodies. Fish ingestion pathway was evaluated.  
<sup>2</sup> = EPA Region 4 Supplemental Guidance to RAGS (2008) states "in most cases it is unnecessary to evaluate human exposures to sediments covered by surface water."  
<sup>3</sup> = Groundwater from POC/POE wells was evaluated for potential discharge to the creek in this risk assessment.  
<sup>4</sup> = Sediment exposure pathway is not considered significant due to low partitioning of most of the groundwater constituents to sediments.  
- - - ➔ = Dashed arrow indicates potentially incomplete or insignificant exposure pathway (see above Note 4)

**Attachment 1**  
**2017 to 2023 Groundwater Data**

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | E340.2          | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 16984-48-8  | Fluoride                                   |            | Y                 | N           | U                      | U                    | U              | 0.09               | 0.027                  | 0.09                      | 0.027          | mg/l        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | E376.2          | 4/5/2017      | NA            | T        | INITIAL    | NONE        | DWE05   | 0                |                 | 40 18496-25-8 | Sulfide, Reactive                          |            | Y                 | Y           |                        | =                    | =              | 4                  | 1.2                    | 4                         | 58.7           | mg/l        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | E531.1          | 4/3/2017      | NA            | T        | INITIAL    | NONE        | DWE05   | 0                |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Y                 | N           | U                      | =                    | 2              | 1                  | 2                      | 1                         | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | E531.1          | 4/3/2017      | NA            | T        | INITIAL    | NONE        | DWE05   | 0                |                 | 1 672-99-1    | 4-BROMO-3,5-DIMETHYLPHENYL                 |            | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 99             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-02-0   | Nickel                                     | N          | Y                 | J           | J                      | J                    | 0.01           | 0.0028             | 0.01                   | 0.0038                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-39-3   | Barium                                     | N          | Y                 | Y           |                        | =                    | 0.005          | 0.0011             | 0.005                  | 0.009                     | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-47-3   | Chromium                                   | N          | Y                 | U           | U                      | U                    | 0.015          | 0.0018             | 0.015                  | 0.0018                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-66-6   | Zinc                                       | N          | Y                 | N           | U                      | U                    | 0.02           | 0.0054             | 0.02                   | 0.0054                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-36-0   | Antimony                                   | N          | Y                 | Y           |                        | =                    | 0.001          | 0.00048            | 0.001                  | 0.0011                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-38-2   | Arsenic                                    | N          | Y                 | Y           |                        | =                    | 0.002          | 0.00058            | 0.002                  | 0.0149                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7440-62-2   | Vanadium                                   | N          | Y                 |             |                        | =                    | 0.0005         | 0.0002             | 0.0005                 | 0.0023                    | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE05   | 0                |                 | 1 7782-49-2   | Selenium                                   | N          | Y                 | J           | J                      | J                    | 0.002          | 0.00044            | 0.002                  | 0.00082                   | mg/l           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 100-41-4    | Ethylbenzene                               | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 108-88-3    | Toluene                                    | Y          | Y                 | Y           |                        | =                    | 0.5            | 0.1                | 0.5                    | 1.3                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 126-98-7    | Methylacrylonitrile                        |            | Y                 | Y           | J                      | J                    | 5              | 0.3                | 5                      | 0.3                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 17060-07-0  | 1,2-Dichloroethane-d4                      | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 103            | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 1868-53-7   | DIBROMOFLUOROMETHANE                       | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 101            | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 2037-26-5   | TOLUENE-D8                                 | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 92             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 460-00-4    | 4-Bromofluorobenzene                       | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 102            | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 67-64-1     | Acetone                                    | Y          | Y                 | Y           | J                      | J                    |                | 5                  | 3                      | 5                         | 49             | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 75-05-8     | Acetonitrile                               | Y          | Y                 | Y           |                        | =                    | =              | 20                 | 7                      | 20                        | 120            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 75-09-2     | Methylene chloride                         | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.2                | 0.5                    | 0.2                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    |                | 1                  | 1                      | 1                         | 0.8            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | Y           | J                      | J                    |                | 5                  | 1                      | 5                         | 2.1            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW82608         | 4/6/2017      | NA            | T        | INITIAL    | SW50308     | DWE05   | 0                |                 | 1 XYLENES     | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Y                 | Y           | J                      | J                    |                | 1                  | 0.5                    | 1                         | 0.5            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 106-47-8    | 4-Chloroaniline                            | Y          | Y                 | N           | U                      | U                    | 4              | 2                  | 4                      | 2                         | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 108-95-2    | Phenol                                     | Y          | Y                 | N           | U                      | U                    | 1              | 0.5                | 1                      | 0.5                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 110-86-1    | Pyridine                                   | Y          | Y                 | Y           |                        | =                    | =              | 5                  | 2                      | 5                         | 5              | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 118-79-6    | 2,4,6-TRIBROMOPHENOL                       | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 86             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 13127-88-3  | Phenol-d6                                  | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 34             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 132-64-9    | Dibenzofuran                               | Y          | Y                 | N           | U                      | U                    |                | 1                  | 0.5                    | 1                         | 0.5            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 321-60-8    | 2-FLUOROBIPHENYL                           | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 92             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 367-10-4    | 2-FLUOROPHENOL                             | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 32             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 4165-60-0   | Nitrobenzene-D5                            | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 95             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 85-01-8     | Phenanthrene                               | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 86-73-7     | Fluorene                                   | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 91-20-3     | Naphthalene                                | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    | 0.1                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 91-57-6     | 2-Methylnaphthalene                        | Y          | Y                 | Y           |                        | =                    | =              | 0.5                | 0.1                    | 0.5                       | 0.8            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 95-57-8     | 2-Chlorophenol                             | Y          | Y                 | N           | U                      | U                    | 1              | 0.5                | 1                      | 0.5                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                |                 | 1 98904-43-9  | TERPHENYL-D14                              | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 93             | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/12/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE05   | 0                |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  | Y          | Y                 | N           | UJ                     | UJ                   | U              | 1                  | 0.5                    | 1                         | 0.5            | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270C         | 4/12/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE05   | 0                |                 | 1 108-39-4    | 3-Methylphenol                             | Y          | Y                 | J           | J                      | J                    | 1              | 0.5                | 1                      | 0.9                       | µg/L           | TRG         |                  |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 19719-28-9  | 2,4-Dichlorophenylacetic acid              | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 130            | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 93-72-1     | Silvex (2,4,5-TP)                          | Y          | Y                 | N           | U                      | U                    |                | 0.023              | 0.0094                 | 0.023                     | 0.0094         | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Y                 | N           | U                      | U                    |                | 0.023              | 0.0094                 | 0.023                     | 0.0094         | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Y                 | N           | U                      | U                    |                | 0.23               | 0.047                  | 0.23                      | 0.047          | µg/L        | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N                | WG          |                    | 8910896       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                |                 | 1 123-72-8    | N-BUTYRALDEHYDE                            | Y          | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 121            | %           | TRG              |
| MW-06        | MW-6_170329     | 3/29/2017   | N</              |             |                    |               |               |                 |               |               |          |            |             |         |                  |                 |               |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE        | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|------------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/30/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Y                 | Y           |                        |                      | 0.9            | 0.5                | 0.5                    |                           | 3 µg/L         | TRG         |                  |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C         | 3/30/2018     | NA            | N        | INITIAL    | SW3510C     | DWE15   |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Y                 | Y           |                        |                      | 0.9            | 0.5                | 0.5                    |                           | 32 µg/L        | TRG         |                  |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C SIM     | 3/30/2018     | NA            | N        | INITIAL    | SW8151A     | DWE15   |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C SIM     | 3/30/2018     | NA            | N        | INITIAL    | SW8151A     | DWE15   |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8270C SIM     | 3/30/2018     | NA            | N        | INITIAL    | SW8151A     | DWE15   |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW8315A         | 3/25/2018     | NA            | N        | INITIAL    | METHOD      | DWE15   |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Y                 | Y           |                        |                      | 50             | 10                 | 10                     |                           | 81 µg/L        | TRG         |                  |
| MW-06        | MW-6-WG-032120181035-N | 3/21/2018   | N                | WG          |                    | 9517051       | ELLE          | SW9012A         | 3/29/2018     | NA            | N        | INITIAL    | METHOD      | DWE15   |                  |                 | 1 57-12-5    | Cyanide                                    |            | Y                 | Y           | J                      | J                    | J              | 0.010              | 0.0050                 | 0.0050                    |                | 0.0075 mg/l | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | E340.2          | 10/9/2018     | NA            | N        | INITIAL    | DWF03       |         |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.097              | 0.029                  | 0.029                     |                |             | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | E376.2          | 10/4/2018     | NA            | N        | INITIAL    | DWF03       |         |                  | 100             | 18496-25-8   | Sulfide, Reactive                          |            | Yes               | Y           |                        |                      | U              | 30                 | 10                     | 10                        |                | 78.7 mg/l   | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | E531.1          | 10/5/2018     | NA            | N        | INITIAL    | DWF03       |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL    | SW3010A     | DWF03   |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL    | SW3010A     | DWF03   |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        | U                    | U              | 0.005              | 0.001                  | 0.001                     |                | 0.0072 mg/l | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL    | SW3010A     | DWF03   |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL    | SW3010A     | DWF03   |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.003                  | 0.003                     |                | 0.0136 mg/l | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL    | SW3020A     | DWF03   |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL    | SW3020A     | DWF03   |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      | U              | 0.002              | 0.00068                | 0.00068                   |                | 0.0048 mg/l | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL    | SW3020A     | DWF03   |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        | U                    | U              | 0.001              | 0.00024                | 0.00024                   |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL    | SW3020A     | DWF03   |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00065                | 0.00065                   |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.9 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.08                   | 0.08                      |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 1.1                    | 1.1                       |                | 12 µg/L     | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.06                   | 0.06                      |                | 0.2 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.7 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/8/2018     | NA            | N        | INITIAL    | SW5030B     | DWF03   |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 108-88-3   | Toluene                                    | Y          | No                | Y           |                        | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | 0.8 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.08                   | 0.08                      |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 67-64-1    | Acetone                                    | Y          | No                | Y           |                        | U                    | U              | 5                  | 1.1                    | 1.1                       |                | 16 µg/L     | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | No                | Y           | J                      | J                    | J              | 20                 | 3.9                    | 3.9                       |                | 12 µg/L     | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | No                | Y           | J                      | J                    | J              | 0.5                | 0.06                   | 0.06                      |                | 0.2 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | No                | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.6 µg/L    | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8260B         | 10/16/2018    | NA            | N        | REANALYSIS | SW5030B     | DWF03   |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | No                | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4                      | 4                         |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | Y           |                        | U                    | U              | 5                  | 2                      | 2                         |                | 8 µg/L      | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW8270C         | 10/8/2018     | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6_20182709          | 9/27/2018   | N                | WG          |                    | 9826349       | EuroFins Lan  | SW              |               |               |          |            |             |         |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                           | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|-----------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-02-0  | Nickel                                  | N          | Yes               | J           | J                      | J                    | J              | 0.01               | 0.0021                 | 0.0021                    | 0.0023         | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-22-4  | Silver                                  | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-31-5  | Tin                                     | N          | Yes               | N           | U                      | U                    | U              | 0.05               | 0.0084                 | 0.0084                    |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-39-3  | Barium                                  | N          | Yes               | Y           |                        |                      |                | 0.005              | 0.001                  | 0.001                     | 0.0143         | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-41-7  | Beryllium                               | N          | Yes               | N           | UB                     | UB                   | J              | 0.005              | 0.005                  | 0.005                     |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-43-9  | Cadmium                                 | N          | Yes               | N           | U                      | U                    | U              | 0.005              | 0.001                  | 0.001                     |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-47-3  | Chromium                                | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-48-4  | Cobalt                                  | N          | Yes               | N           | U                      | U                    | U              | 0.005              | 0.0015                 | 0.0015                    |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-50-8  | Copper                                  | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.012                  | 0.012                     |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  |                 | 1 7440-66-6  | Zinc                                    | N          | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.0037                 | 0.0037                    | 0.0042         | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  |                 | 1 7440-28-0  | Thallium                                | N          | Yes               | N           | U                      | U                    | U              | 0.0005             | 0.00013                | 0.00013                   |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  |                 | 1 7440-38-2  | Arsenic                                 | N          | Yes               | Y           |                        |                      |                | 0.002              | 0.00068                | 0.00068                   | 0.0095         | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  |                 | 1 7440-62-2  | Vanadium                                | N          | Yes               | Y           |                        |                      |                | 0.0005             | 0.00024                | 0.00024                   | 0.0016         | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  |                 | 1 7782-49-2  | Selenium                                | N          | Yes               | Y           | J                      | J                    | J              | 0.001              | 0.00028                | 0.00028                   | 0.00062        | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  |                 | 1 7440-36-0  | Antimony                                | N          | Yes               | Y           | J                      | J                    | J              | 0.001              | 0.00041                | 0.00041                   | 0.00089        | mg/l        | TRG              |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW7470A         | 9/16/2019     | NA            | T        | INITIAL   | METHOD      | DWF09   |                  |                 | 1 7439-97-6  | Mercury                                 | N          | Yes               | N           | U                      | U                    | U              | 0.0002             | 0.00005                | 0.00005                   |                |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 1024-57-3  | Heptaclor epoxide                       | Y          | Yes               | N           | U                      | U                    | U              | D2                 | 0.005                  | 0.0012                    | 0.0012         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 1031-07-8  | Endosulfan sulfate                      | Y          | Yes               | N           | U                      | U                    | U              | D2                 | 0.01                   | 0.0029                    | 0.0029         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 143-50-0   | Kepon                                   | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.1                    | 0.035                     | 0.035          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 309-00-2   | Aldrin                                  | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.005                  | 0.001                     | 0.001          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 319-84-6   | alpha-BHC (alpha hexachlorocyclohexane) | N          | Yes               | N           | U                      | U                    | U              | D2                 | 0.005                  | 0.0015                    | 0.0015         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 319-85-7   | beta-BHC (beta hexachlorocyclohexane)   | N          | Yes               | N           | U                      | U                    | U              | D2                 | 0.005                  | 0.0017                    | 0.0017         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 319-86-8   | delta-BHC                               | N          | Yes               | N           | U                      | U                    | U              | D2                 | 0.005                  | 0.0017                    | 0.0017         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 33213-65-9 | Endosulfan II                           | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.015                  | 0.0076                    | 0.0076         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 50-29-3    | p,p'-DDT                                | N          | Yes               | N           | U                      | U                    | U              | D2                 | 0.01                   | 0.0026                    | 0.0026         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 5103-71-9  | alpha-Chlordane                         | N          | Yes               | N           | U                      | U                    | U              | UV D2              | 0.005                  | 0.0024                    | 0.0024         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 5103-74-2  | gamma-Chlordane                         | N          | Yes               | Y           |                        |                      |                | D2                 | 0.01                   | 0.0035                    | 0.0035         | 0.072       | µg/L             | TRG |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 53494-70-5 | Endrin ketone                           | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.01                   | 0.0025                    | 0.0025         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 57-74-9    | Chlordane                               | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.081                     | 0.081          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 58-89-9    | gamma-BHC (lindane)                     | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.005                  | 0.001                     | 0.001          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 60-57-1    | Dieldrin                                | N          | Yes               | N           | U                      | U                    | U              | D2                 | 0.01                   | 0.0027                    | 0.0027         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 72-20-8    | Endrin                                  | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.01                   | 0.0041                    | 0.0041         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 72-43-5    | Methoxychlor                            | N          | Yes               | N           | U                      | U                    | U              | UV D1              | 0.05                   | 0.025                     | 0.025          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 72-54-8    | p,p'-DDD                                | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.01                   | 0.0025                    | 0.0025         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 72-55-8    | p,p'-DDE                                | N          | Yes               | N           | U                      | U                    | U              | UV D2              | 0.01                   | 0.0054                    | 0.0054         |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 7421-93-4  | Endrin aldehyde                         | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.05                   | 0.01                      | 0.01           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 76-44-8    | Heptaclor                               | N          | Yes               | N           | U                      | U                    | U              | UV D2              | 0.005                  | 0.003                     | 0.003          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 8001-35-2  | Toxaphene                               | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.5                    | 0.15                      | 0.15           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8081A         | 10/14/2019    | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 959-98-8   | Endosulfan I                            | N          | Yes               | N           | U                      | U                    | U              | UV D1              | 0.014                  | 0.014                     | 0.014          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 11096-82-5 | Aroclor 1260                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.076                     | 0.076          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 11097-69-1 | Aroclor 1254                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.05                      | 0.05           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 11104-28-2 | Aroclor 1221                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.05                      | 0.05           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 11141-16-5 | Aroclor 1232                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.1                       | 0.1            |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 12672-29-6 | Aroclor 1248                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.05                      | 0.05           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 12674-11-2 | Aroclor 1016                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.05                      | 0.05           |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8082A         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 53469-21-9 | Aroclor 1242                            | N          | Yes               | N           | U                      | U                    | U              | D1                 | 0.25                   | 0.005                     | 0.005          |             |                  |     |
| MW-06        | MW-6-091119     | 9/11/2019   | N                | WG          |                    | 1148354       | EuroFins Lan  | SW8141          | 9/25/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09   |                  |                 | 1 298-00-0   | PARATHION, METHYL                       | N          | Yes               | N           | U                      | U                    | U              | D1                 | 5.9                    | 2                         | 2              |             |                  |     |
| MW-06        | MW-6-091119     | 9/          |                  |             |                    |               |               |                 |               |               |          |           |             |         |                  |                 |              |                                         |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

Attachment 1. 2017 to 2023 Groundwater Data  
Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                       | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|-------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 105-67-9   | 2,4-Dimethylphenol                  | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 10595-95-6 | N-Nitrosomethylethylamine           |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                 | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                     | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 106-50-3   | p-Phenylenediamine                  |            | Yes               | N           | R                      | R                    | U              | 300                | 74                     |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 108-60-1   | Bis(2-Chloroisopropyl) ether        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 108-95-2   | Phenol                              | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 109-06-8   | 2-Picoline (alpha-Picoline)         |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 110-86-1   | Pyridine                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 111-44-4   | Bis(2-Chloroethyl) ether            | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 126-59-1   | Bis(2-Chloroethoxy) methane         |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 117-81-7   | Bis(2-Ethylhexyl) phthalate         | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 117-84-0   | Di-n-Octyl phthalate                | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 118-74-1   | Hexachlorobenzene                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 119-93-7   | 3,3'-Dimethylbenzidine              |            | Yes               | N           | U                      | U                    | U              | 74                 | 25                     |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 120-12-7   | Anthracene                          | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 120-58-1   | Isosafrole                          |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 120-82-1   | 1,2,4-Trichlorobenzene              | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 120-83-2   | 2,4-Dichlorophenol                  | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 121-14-2   | 2,4-Dinitrotoluene                  | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 122-09-8   | alpha, alpha-Dimethylphenethylamine |            | Yes               | N           | U                      | U                    | U              | 49                 | 5                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 123-91-1   | 1,4-Dioxane (P-Dioxane)             | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 126-59-1   | O,O'-Triethyl phosphorothioate      |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 129-00-0   | Pyrene                              | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 130-15-4   | 1,4-Naphthoquinone                  |            | Yes               | N           | U                      | U                    | U              | 59                 | 25                     |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 131-11-3   | Dimethyl phthalate                  | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 132-64-9   | Dibenzofuran                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 134-32-7   | 1-Naphthylamine                     |            | Yes               | N           | U                      | U                    | U              | 15                 | 5                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 140-57-8   | Aramite (total)                     |            | Yes               | N           | U                      | U                    | U              | 15                 | 5                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 1888-71-7  | Hexachloropropene                   |            | Yes               | N           | UJ                     | UJ                   | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 191-24-2   | Benzo (g,h,i) perylene              | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.2                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 193-39-5   | Indeno (1,2,3-c,d) pyrene           | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 205-99-2   | Benzo (b) fluoranthene              | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 206-44-0   | Fluoranthene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 207-31-9   | Benzo (a) fluoranthene              | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 208-96-8   | Acenaphthylene                      |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 218-01-9   | Chrysene                            | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 2303-16-4  | Diallate, total                     |            | Yes               | N           | U                      | U                    | U              | 5                  | 1                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 23950-58-5 | Propyzamide                         |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.6                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 297-97-2   | Thionazin                           |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 465-73-6   | Isodrin                             |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 50-32-8    | Benzo (a) pyrene                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 51-28-5    | 2,4-Dinitrophenol                   | Y          | Yes               | N           | UJ                     | UJ                   | U              | 30                 | 10                     |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 510-15-6   | Chlorobenzilate                     |            | Yes               | N           | U                      | U                    | U              | 10                 | 3                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 53-70-3    | Dibenz (a,h) anthracene             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 53-96-3    | 2-Acetylaminofluorene               |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 534-52-1   | 4,6-Dinitro-2-Methylphenol          | Y          | Yes               | N           | U                      | U                    | U              | 15                 | 5                      |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 541-73-1   | 1,3-Dichlorobenzene                 | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-6-091119     | 9/11/2019 N |                  | WG          |                    | 1148354       | EuroFins Lan  | SW8270C         | 9/19/2019 NA  | N             | INITIAL  | SW3510C   | DWF09       |         |                  |                 | 1 55-18-5    | N-Nitrosodiethylamine               |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | µg/L        | TRG              |
| MW-06        | MW-             |             |                  |             |                    |               |               |                 |               |               |          |           |             |         |                  |                 |              |                                     |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6010C         | 11/9/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               |             |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.012 mg/l   | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6010C         | 11/9/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     |                | 0.0026 mg/l  | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6010C         | 11/9/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | 0.018 mg/l   | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00041                | 0.0010                    |                | 0.00047 mg/l | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    |                | 0.018 mg/l   | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.00050            | 0.00024                | 0.00050                   |                | 0.005 mg/l   | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    |                | 0.0017 mg/l  | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.50               | 0.060                  | 0.50                      |                | 0.08 ug/L    | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.070                  | 0.50                      |                | 2.2 ug/L     | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 5.0                | 0.90                   | 5.0                       |                | 56 ug/L      | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | Y           |                        |                      |                | 2.0                | 3.0                    | 2.0                       |                | 52 ug/L      | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | UB                     | UB                   | B              | 0.64               | 0.64                   | 0.64                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           |                        |                      |                | 1.0                | 0.060                  | 1.0                       |                | 1.1 ug/L     | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           |                        |                      |                | 5.0                | 0.60                   | 5.0                       |                | 6.4 ug/L     | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270          | 11/17/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | Y           | J                      | J                    | *              | 1.0                | 0.51                   | 1.0                       |                | 4.1 ug/L     | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270          | 11/17/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | Y           | J                      | J                    | *              | 1.0                | 0.51                   | 1.0                       |                | 38 ug/L      | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.1                    | 10                        |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | Y           |                        |                      |                | 5.1                | 2.0                    | 5.1                       |                | 8.4 ug/L     | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0098                 | 0.024                     |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0098                 | 0.024                     |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.24               | 0.098                  | 0.24                      |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW8315A         | 11/7/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | U              | 50                 | 20                     | 50                        |                | ug/L         | TRG              |
| MW-06        | MW-6-20201104   | 11/4/2020   | N                | WG          |                    | 410-19552-14  | ELLE          | SW9012B         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | E376.2          | 9/30/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           |                        |                      |                | 0.30               | 0.10                   | 0.30                      |                | 1.2 mg/l     | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | ES31.1          | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | ug/L         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | MA4500-F-C      | 10/4/2022     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.090              | 0.027                  | 0.090                     |                | mg/L         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/L         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.0083 mg/l  | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     |                | 0.0025 mg/l  | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l         | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    |                | 0.012 mg/l   | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.0040             | 0.00079                | 0.0040                    |                | 0.005 mg/l   | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    |                | 0.0011 mg/l  | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           |                        | J                    | J              | 0.50               | 0.060                  | 0.50                      |                | 0.069 ug/L   | TRG              |
| MW-06        | MW-6-20210923   | 9/23/2021   | N                | WG          |                    | 410-56316-1   | ELLE          | SW8260C         | 10/5/2021     |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SM4500-F-C      | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 16984-48-8      | Fluoride                                   |               |            | Yes               | N           | U                      | U                    | U              | 0.095              | 0.029                  | 0.095                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-02-0       | Nickel                                     | N             |            | Yes               | Y           | J                      | J                    | J              | 0.010              | 0.0021                 | 0.010                     | 0.0024         | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-39-3       | Barium                                     | N             |            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.0087         | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-47-3       | Chromium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-66-6       | Zinc                                       | N             |            | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6020A         | 10/12/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-36-0       | Antimony                                   | N             |            | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00020                | 0.0010                    | 0.00022        | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6020A         | 10/12/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-38-2       | Arsenic                                    | N             |            | Yes               | N           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    | 0.0072         | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6020A         | 10/12/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7440-62-2       | Vanadium                                   | N             |            | Yes               | Y           |                        |                      |                | 0.0040             | 0.00079                | 0.0040                    | 0.0079         | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW6020A         | 10/12/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1                | 7782-49-2       | Selenium                                   | N             |            | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    | 0.0014         | mg/l        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 100-41-4        | Ethylbenzene                               | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 25                 | 4.0                    | 25                        |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 108-88-3        | Toluene                                    | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 25                 | 1.0                    | 25                        |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 126-98-7        | Methylacrylonitrile                        | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 250                | 1.0                    | 250                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 1330-20-7       | Xylenes, Total                             | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 50                 | 3.5                    | 50                        |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 67-64-1         | Acetone                                    | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 250                | 50                     | 250                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 75-05-8         | Acetonitrile                               | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 500                | 250                    | 500                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 75-09-2         | Methylene chloride                         | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 25                 | 5.0                    | 25                        |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 75-15-0         | Carbon Disulfide                           | Y             |            | Yes               | Y           | J                      | J                    | Jcn            | 50                 | 5.0                    | 50                        | 7              | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 50               | 78-93-3         | Methyl ethyl ketone (2-Butanone)           | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 250                | 5.0                    | 250                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 106-46-7        | 1,4-Dichlorobenzene                        | Y             |            | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 106-47-8        | 4-Chloroaniline                            | Y             |            | Yes               | N           | U                      | U                    | U              | 11                 | 4.2                    | 11                        |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 108-95-2        | Phenol                                     | Y             |            | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 110-86-1        | Pyridine                                   | Y             |            | Yes               | Y           |                        |                      |                | 5.3                | 2.1                    | 5.3                       | 5.3            | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 132-64-9        | Dibenzofuran                               | Y             |            | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 85-01-8         | Phenanthrene                               | Y             |            | Yes               | N           | U                      | U                    | U              | 0.53               | 0.12                   | 0.53                      |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 86-73-7         | Fluorene                                   | Y             |            | Yes               | N           | U                      | U                    | U              | 0.53               | 0.13                   | 0.53                      |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 91-20-3         | Naphthalene                                | Y             |            | Yes               | Y           |                        |                      |                | 0.53               | 0.11                   | 0.53                      | 31             | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 91-57-6         | 2-Methylnaphthalene                        | Y             |            | Yes               | N           | U                      | U                    | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 95-57-8         | 2-Chlorophenol                             | Y             |            | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/12/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 106-44-5        | 4-Methylphenol (P-Cresol)                  | Y             |            | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270D         | 10/12/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 108-39-4        | 3-Methylphenol                             | Y             |            | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270DSIM      | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 93-72-1         | Silvex (2,4,5-TP)                          | Y             |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270DSIM      | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 93-76-5         | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8270DSIM      | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 94-75-7         | 2,4-D (Dichlorophenoxyacetic acid)         | Y             |            | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-06        | MW-6-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW8315A         | 10/11/2022    | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 50-00-0         | FORMALDEHYDE                               | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 600                | 270                    | 600                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-99806-12  | EuroFins Lan  | SW9012B         | 4/10/2023     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 57-12-5         | Cyanide                                    | Y             |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | µg/L        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | E376.2          | 3/31/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 50               | 18496-25-8      | Sulfide, Reactive                          | Y             |            | Yes               | Y           | J                      | J                    | J              | 1.2                | 0.40                   | 1.2                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | ES31.1          | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1                | 116-06-3        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SM4500-F-C      | 4/14/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1                | 16984-48-8      | Fluoride                                   |               |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.093                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-02-0       | Nickel                                     | N             |            | Yes               | Y           | J                      | J                    | J              | 0.010              | 0.0021                 | 0.010                     | 0.0036         | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-39-3       | Barium                                     | N             |            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.0089         | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-47-3       | Chromium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-66-6       | Zinc                                       | N             |            | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-36-0       | Antimony                                   | N             |            | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00020                | 0.0010                    | 0.00032        | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-38-2       | Arsenic                                    | N             |            | Yes               | N           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    | 0.012          | mg/l        | TRG              |
| MW-06        | MW-6-20230329   | 3/29/2023   | N                | WG          |                    | 410-120694-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-62-2       | Vanadium                                   | N             |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG    | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                         | ORGANIC_YN                                 | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|------------|------------------|-----------------|--------------|---------------------------------------|--------------------------------------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/11/2020     | NA            | N        | INITIAL   |             |            |                  |                 |              | FIELDEC                               | Specific Conductance (field)               |                   | Yes         |                        |                      |                |                    |                        |                           |                | 0.709 ms/cm | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/11/2020     | NA            | N        | INITIAL   |             |            |                  |                 |              | WATER LEVEL                           | Water Level                                |                   | Yes         | Y                      |                      |                |                    |                        |                           |                | 16.16 ft    | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SM4500-F-C      | 6/24/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 16984-48-8 | Fluoride                              |                                            | Yes               | N           | U                      |                      | U              | 0.095              | 0.029                  | 0.095                     |                | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6010C         | 6/15/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1 |                  |                 | 1 7440-02-0  | Nickel                                | N                                          | Yes               | Y           | J                      |                      | J              | 0.010              | 0.0021                 | 0.010                     | 0.0044         | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6010C         | 6/15/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1 |                  |                 | 1 7440-39-3  | Barium                                | N                                          | Yes               | Y           |                        |                      | J              | 0.0050             | 0.0010                 | 0.0050                    | 0.012          | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6010C         | 6/15/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1 |                  |                 | 1 7440-47-3  | Chromium                              | N                                          | Yes               | N           | U                      |                      | U              | 0.015              | 0.0016                 | 0.015                     |                | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6010C         | 6/15/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1 |                  |                 | 1 7440-66-6  | Zinc                                  | N                                          | Yes               | N           | U                      |                      | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1 |                  |                 | 1 7440-36-0  | Antimony                              | N                                          | Yes               | Y           | J                      |                      | J              | 0.0010             | 0.00041                | 0.0010                    | 0.00056        | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1 |                  |                 | 1 7440-38-2  | Arsenic                               | N                                          | Yes               | Y           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    | 0.014          | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1 |                  |                 | 1 7782-49-2  | Selenium                              | N                                          | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    | 0.0013         | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1 |                  |                 | 1 7440-62-2  | Vanadium                              | N                                          | Yes               | Y           |                        |                      |                | 0.00050            | 0.00024                | 0.00050                   | 0.0037         | mg/l        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 100-41-4   | Ethylbenzene                          | Y                                          | Yes               | Y           | J                      |                      | J              | 0.050              | 0.0060                 | 0.050                     | 0.084          | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 108-88-3   | Toluene                               | Y                                          | Yes               | Y           |                        |                      |                | 0.50               | 0.070                  | 0.50                      | 3.1            | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                   | Y                                          | Yes               | N           | U                      |                      | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 67-64-1    | Acetone                               | Y                                          | Yes               | Y           |                        |                      |                | 5.0                | 0.90                   | 5.0                       | 44             | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 74-87-3    | Chloromethane                         | Y                                          | Yes               | N           | U                      |                      | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 75-05-8    | Acetonitrile                          | Y                                          | Yes               | Y           |                        |                      |                | 20                 | 3.0                    | 20                        | 57             | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 75-09-2    | Methylene chloride                    | Y                                          | Yes               | N           | U                      |                      | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                      | Y                                          | Yes               | Y           |                        |                      |                | 1.0                | 0.060                  | 1.0                       | 1.4            | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)      | Y                                          | Yes               | N           | U                      |                      | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8260C         | 6/25/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1 |                  |                 | 1 XYLENES    | Xylenes, Total                        | Y                                          | Yes               | N           | U                      |                      | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/18/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)             | Y                                          | Yes               | N           | U                      |                      | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/18/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 108-90-4   | 3-Methylphenol                        | Y                                          | Yes               | N           | U                      |                      | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                   | Y                                          | Yes               | N           | U                      |                      | U              | 2.1                | 0.53                   | 2.1                       | 11             | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                       | Y                                          | Yes               | N           | U                      |                      | U              | 11                 | 4.2                    | 11                        |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 108-95-2   | Phenol                                | Y                                          | Yes               | Y           | J                      |                      | J              | 2.1                | 0.53                   | 2.1                       | 0.61           | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 110-86-1   | Pyridine                              | Y                                          | Yes               | Y           |                        |                      |                | 5.3                | 2.1                    | 5.3                       | 7.1            | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 132-64-9   | Dibenzofuran                          | Y                                          | Yes               | N           | U                      |                      | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 85-01-8    | Phenanthrene                          | Y                                          | Yes               | N           | U                      |                      | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 86-73-7    | Fluorene                              | Y                                          | Yes               | N           | U                      |                      | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 91-20-3    | Naphthalene                           | Y                                          | Yes               | Y           |                        |                      | B              | 0.53               | 0.11                   | 0.53                      | 27             | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                   | Y                                          | Yes               | N           | U                      |                      | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                        | Y                                          | Yes               | N           | U                      |                      | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                     | Y                                          | Yes               | N           | U                      |                      | U              | 0.024              | 0.0097                 | 0.024                     |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid) | Y                                          | Yes               | N           | U                      |                      | U              | 0.024              | 0.0097                 | 0.024                     |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)    | Y                                          | Yes               | N           | U                      |                      | U              | 0.24               | 0.097                  | 0.24                      |                | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW8315A         | 6/16/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                          | Y                                          | Yes               | Y           | J                      |                      | J              | 50                 | 20                     | 50                        | 41             | µg/L        | TRG              |     |
| MW-06        | MW-6-20200611   | 6/11/2020   | N                | WG          |                    | 410-4186-1    | ELLE          | SW9012B         | 6/23/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 57-12-5    | Cyanide                               | Y                                          | Yes               | N           | UJ                     |                      | UJ             | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | A2320B          | 4/3/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | ALK                                   | Total Alkalinity                           |                   | Y           | Y                      |                      |                |                    | 5                      | 1.7                       | 5              | 543         | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | A2320B          | 4/3/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | ALKP                                  | Phenolphthalein Alkalinity                 |                   | Y           | N                      | U                    |                | U                  | 5                      | 1.7                       | 5              | 1.7         | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | E300.0          | 4/1/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 5            | 18785-72-3                            | Sulfate                                    |                   | Y           | Y                      |                      |                |                    | 5                      | 1.5                       | 5              | 9.1         | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | E340.2          | 4/10/2017     | NA            | T        | INITIAL   | METHOD      | DWE05      | 0                |                 | 1            | 16984-48-8                            | Fluoride                                   |                   | Y           | N                      | U                    |                | U                  | 0.092                  | 0.028                     | 0.092          |             | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | E353.2          | 3/30/2017     | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | 14797-55-8                            | Nitrogen, Nitrate (as N)                   | N                 | Y           | Y                      | J                    |                | J                  | 0.1                    | 0.04                      | 0.1            | 0.088       | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | E353.2          | 3/30/2017     | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | 14797-65-0                            | Nitrogen, Nitrite                          |                   | Y           | N                      | UJ                   |                | UJ                 | 0.05                   | 0.015                     | 0.05           | 0.015       | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | E376.2          | 4/5/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 20           | 18496-25-8                            | Sulfide, Reactive                          |                   | Y           | Y                      | J                    |                | J                  | 2                      | 0.6                       | 2              | 37.2        | mg/l             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | ES531.1         | 4/2/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | 116-06-3                              | Aldicarb (sulfide, sulfoxide, and sulfone) |                   | Y           | N                      | U                    |                | U                  | 2                      | 1                         | 2              | 1           | µg/L             | TRG |
| MW-07        | MW-7_170329     | 3/29/2017   | N                | WG          |                    | 8910888       | Lan           | ES531.1         | 4/2/2017      | NA            | T        | INITIAL   | NONE        | DWE05      | 0                |                 | 1            | 672-99-1                              | 4-BROMO-3,5-DIMETHYLPHENYL                 |                   | Y           | Y                      |                      |                |                    | 1                      | 102                       | %              |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE        | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION  | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|------------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|-----------|-----------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 1                      | 1                         | 4.6            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 108-88-3   | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 1                      | 1                         | 4.8            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 50                 | 3                      | 3                         |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 1330-20-7  | Xylenes, Total                             | Y          | Yes               | Y           |                        |                      |                | 5                  | 1                      | 1                         | 22             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 67-64-1    | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 50                 | 30                     | 30                        | 520            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 75-05-8    | Acetonitrile                               | Y          | Yes               | Y           | J                      | J                    | J              | 200                | 70                     | 70                        | 100            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4                      | 4                         |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL   | SW5030B   | DWE11       |         |                  | 10              | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           | J                      | J                    | J              | 50                 | 10                     | 10                        | 33             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | Y           | J                      | J                    | J              | 0.9                | 0.5                    | 0.5                       | 0.7            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 108-95-2   | Phenol                                     | Y          | Yes               | Y           |                        |                      |                | 4                  | 0.5                    | 0.5                       | 41             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 110-86-1   | Pyridine                                   | Y          | Yes               | Y           |                        |                      |                | 5                  | 2                      | 2                         | 15             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 132-64-9   | Dibenzofuran                               | Y          | Yes               | Y           |                        |                      |                | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 85-01-8    | Phenanthrene                               | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.09                   | 0.09                      | 1              | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 86-73-7    | Fluorene                                   | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.09                   | 0.09                      | 1              | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 91-20-3    | Naphthalene                                | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.09                   | 0.09                      | 30             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.09                   | 0.09                      | 37             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | Y           |                        |                      |                | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL   | SW3510C   | DWE11       |         |                  | 1               | 108-39-4   | 3-Methylphenol                             | No         | Y                 | X           | X                      | X                    | E              | 0.9                | 0.5                    | 0.5                       | 190            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C         | 10/10/2017 NA | N             | DILUTION1 | SW3510C   | DWE11       |         |                  | 5               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | No         | Y                 | X           | X                      | X                    |                | 5                  | 2                      | 2                         | 38             | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE11       |         |                  | 5               | 108-39-4   | 3-Methylphenol                             | Yes        | Y                 |             |                        |                      |                | 0.023              | 0.0094                 | 0.0094                    | 200            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE11       |         |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Yes        | N                 | UJ          | UJ                     | U                    | U              | 0.023              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE11       |         |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | UJ          | UJ                     | U                    | U              | 0.023              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE11       |         |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | UJ          | UJ                     | U                    | U              | 0.23               | 0.047                  | 0.047                     |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW8315A         | 9/30/2017 NA  | N             | INITIAL   | METHOD    | DWE11       |         |                  | 1               | 50-00-0    | FORMALDEHYDE                               | Yes        | Y                 |             |                        |                      |                | 50                 | 10                     | 10                        | 190            | µg/L        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW9012A         | 10/10/2017 NA | N             | INITIAL   | METHOD    | DWE11       |         |                  | 1               | 57-12-5    | Cyanide                                    | Yes        | N                 | U           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-07        | MW-7-WG-09272017-N     | 9/27/2017 N |                  | WG          |                    | 9234283       | ELLE          | SW9060          | 10/4/2017 NA  | N             | INITIAL   | METHOD    | DWE11       |         |                  | 5               | 75-09-2    | Total organic carbon                       | N          | Yes               | Y           |                        |                      |                | 5                  | 2.5                    | 2.5                       | 206            | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | E300.0          | 4/2/2018 NA   | N             | INITIAL   |           | DWE15       |         |                  | 5               | 14808-79-8 | Sulfate                                    |            | Y                 | Y           | J                      | J                    |                | 5.0                | 1.5                    | 1.5                       | 6.5            | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | E340.2          | 3/30/2018 NA  | N             | INITIAL   | METHOD    | DWE15       |         |                  | 1               | 16984-48-8 | Fluoride                                   | Yes        | N                 | U           |                        |                      | U              | 0.090              | 0.027                  | 0.027                     |                | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | E353.2          | 3/22/2018 NA  | N             | INITIAL   |           | DWE15       |         |                  | 1               | 14797-65-0 | Nitrogen, Nitrite                          |            | Y                 | Y           | J                      | J                    |                | 0.050              | 0.015                  | 0.015                     | 0.035          | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | E353.2          | 4/1/2018 NA   | N             | INITIAL   |           | DWE15       |         |                  | 1               | 14797-55-8 | Nitrogen, Nitrate (as N)                   | N          | Y                 | Y           | J                      | J                    |                | 0.10               | 0.040                  | 0.040                     |                | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | E376.2          | 3/28/2018 NA  | N             | INITIAL   |           | DWE15       |         |                  | 50              | 18496-25-8 | Sulfide, Reactive                          |            | Y                 | Y           | J                      | J                    |                | 5.0                | 1.5                    | 1.5                       | 53.6           | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | ES31.1          | 4/3/2018 NA   | N             | INITIAL   |           | DWE15       |         |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes        | N                 | U           |                        |                      | U              | 2.0                | 0.54                   | 0.54                      |                | µg/L        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SM2320B         | 3/24/2018 NA  | N             | INITIAL   |           | DWE15       |         |                  | 1               | 17         | Total Alkalinity                           | Y          | Y                 |             |                        |                      |                | 5.0                | 1.7                    | 1.7                       | 465            | mgcac3/l    | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SM2320B         | 3/24/2018 NA  | N             | INITIAL   |           | DWE15       |         |                  | 1               | 1 ALKP     | Phenolphthalein Alkalinity                 | Yes        | N                 | U           |                        |                      | U              | 5.0                | 1.7                    | 1.7                       |                | mgcac3/l    | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SM3500-FE-B     | 3/29/2018 NA  | N             | INITIAL   |           | DWE15       |         |                  | 1               | 15438-31-0 | Iron, Ferrous                              |            | Y                 | Y           |                        |                      |                | 0.050              | 0.015                  | 0.015                     | 0.21           | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7439-89-6  | Iron                                       | N          | Y                 | Y           | J                      | J                    |                | 0.200              | 0.0805                 | 0.0805                    | 0.154          | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-02-0  | Nickel                                     | N          | Y                 | Y           | J                      | J                    |                | 0.0100             | 0.0040                 | 0.0040                    | 0.0057         | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-39-3  | Barium                                     | N          | Y                 | Y           |                        |                      |                | 0.0050             | 0.00085                | 0.00085                   | 0.0084         | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      |                      | U              | 0.0150             | 0.0033                 | 0.0033                    |                | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      |                      | U              | 0.0200             | 0.0065                 | 0.0065                    |                | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Y                 | Y           |                        |                      |                | 0.0020             | 0.00072                | 0.00072                   | 0.006          | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Y                 | Y           |                        |                      |                | 0.00050            | 0.00021                | 0.00021                   | 0.02           | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7782-49-2  | Selenium                                   | N          | Y                 | Y           | J                      | J                    |                | 0.0020             | 0.00050                | 0.00050                   | 0.0021         | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW6020          | 4/3/2018 NA   | N             | INITIAL   | SW3010A   | DWE15       |         |                  | 1               | 7440-36-0  | Antimony                                   | N          | Y                 | Y           |                        |                      | J              | 0.0010             | 0.00045                | 0.00045                   | 0.0007         | mg/l        | TRG              |
| MW-07        | MW-7-WG-032120181215-N | 3/21/2018 N |                  | WG          |                    | 9517053       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE15       |         | </               |                 |            |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-07        | MW-7-20182609   | 9/26/2018   | N                | WG          |                    | 9823783       | EuroFins Lan  | SW8315A         | 9/30/2018     | NA            | N        | INITIAL   | METHOD      | DWF02   |                  |                 | 1 50-00-0     | FORMALDEHYDE                               |            | Yes               |             |                        |                      |                | 50                 | 30                     | 30                        |                | 250 µg/L     | TRG              |
| MW-07        | MW-7-20182609   | 9/26/2018   | N                | WG          |                    | 9823783       | EuroFins Lan  | SW9012A         | 10/4/2018     | NA            | N        | INITIAL   | METHOD      | DWF02   |                  |                 | 1 57-12-5     | Cyanide                                    |            | Yes               | N           | U                      |                      | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20182609   | 9/26/2018   | N                | WG          |                    | 9823783       | EuroFins Lan  | SW9060          | 10/2/2018     | NA            | N        | INITIAL   |             | DWF02   |                  |                 | 5 TOC         | Total organic carbon                       | N          | Yes               | Y           |                        |                      | 5              | 2.5                | 2.5                    |                           | 233 mg/l       | TRG          |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | FIELD_PH      | pH (field)                                 | N          | Y                 | Y           |                        |                      |                |                    |                        | 4.87 s.u.                 | TRG            |              |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | FIELD_DO      | Dissolved Oxygen-Field                     |            | Y                 | Y           |                        |                      |                |                    |                        | 0.27 mg/l                 | TRG            |              |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | FIELD_EH      | Field Eh                                   |            | Y                 | Y           |                        |                      |                |                    |                        | 1.401 ms/cm               | TRG            |              |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | FIELD_TEMP    | Temperature (field)                        |            | Y                 | Y           |                        |                      |                |                    |                        | 24.38 deg c               | TRG            |              |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | FIELD_TURB    | Turbidity-Field                            |            | Y                 | Y           |                        |                      |                |                    |                        | 2.8 ntu                   | TRG            |              |                  |
| MW-07        | MW-7            | 9/26/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018     | NA            | N        | INITIAL   |             |         |                  |                 | ORP           | Oxidation Reduction Potential              |            | Y                 | Y           |                        |                      |                |                    |                        | -265.9 mV                 | TRG            |              |                  |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E300.0          | 4/10/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 5 14808-79-8  | Sulfate                                    |            | Yes               | Y           |                        |                      |                | 5                  | 1.5                    | 1.5                       |                | 47.7 mg/l    | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E340.2          | 3/30/2019     | NA            | N        | INITIAL   | E300        | DWF06   |                  |                 | 1 16984-48-8  | Fluoride                                   |            | Yes               | N           | U                      |                      | U              | 0.095              | 0.029                  | 0.029                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E353.2          | 3/22/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 14797-65-0  | Nitrogen, Nitrite                          |            | Yes               | N           | U                      |                      | U              | 0.05               | 0.015                  | 0.015                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E353.2          | 3/27/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 14797-55-8  | Nitrogen, Nitrate (as N)                   | N          | Yes               | N           | U                      |                      | U              | 0.1                | 0.04                   | 0.04                      |                | mg/l         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E376.2          | 3/28/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 50 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           |                        |                      | 15             | 5                  | 5                      |                           | 40.6 mg/l      | TRG          |                  |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | E531.1          | 3/26/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      |                      | U              | 2                  | 1                      | 1                         |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SM2320B         | 3/26/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 ALK         | Total Alkalinity                           |            | Yes               | Y           |                        |                      | 5              | 1.7                | 1.7                    |                           | 419 mgcaco3/l  | TRG          |                  |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SM2320B         | 3/26/2019     | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 ALKP        | Phenolphthalein Alkalinity                 |            | Yes               | N           | U                      |                      | U              | 5                  | 1.7                    | 1.7                       |                | mgcaco3/l    | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SM3500-FE-B     | 4/1/2019      | NA            | N        | INITIAL   |             | DWF06   |                  |                 | 1 15438-31-0  | Iron, Ferrous                              |            | Yes               | Y           | J                      |                      | U              | 0.1                | 0.015                  | 0.015                     |                | 0.182 mg/l   | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL   | SW3010A     | DWF06   |                  |                 | 1 7440-02-0   | Nickel                                     | N          | Yes               | Y           | J                      |                      | J              | 0.01               | 0.0031                 | 0.0031                    |                | 0.0043 mg/l  | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL   | SW3010A     | DWF06   |                  |                 | 1 7440-39-3   | Barium                                     | N          | Yes               | Y           | J                      |                      | J              | 0.005              | 0.001                  | 0.001                     |                | 0.0083 mg/l  | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL   | SW3010A     | DWF06   |                  |                 | 1 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      |                      | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL   | SW3010A     | DWF06   |                  |                 | 1 7440-66-6   | Zinc                                       | N          | Yes               | N           | U                      |                      | U              | 0.02               | 0.003                  | 0.003                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL   | SW3010A     | DWF06   |                  |                 | 1 7439-89-6   | Iron                                       | N          | Yes               | Y           | J                      |                      | J              | 5                  | 0.2                    | 0.2                       |                | 0.139 mg/l   | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  |                 | 1 7440-36-0   | Antimony                                   | N          | Yes               | Y           | J                      |                      | J              | 0.002              | 0.00041                | 0.00041                   |                | 0.00075 mg/l | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW5020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  |                 | 1 7440-38-2   | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.002              | 0.00068                | 0.00068                   |                | 0.0028 mg/l  | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.001              | 0.00024                | 0.00024                   |                | 0.0451 mg/l  | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  |                 | 1 7782-49-2   | Selenium                                   | N          | Yes               | Y           | J                      |                      | J              | 0.002              | 0.00065                | 0.00065                   |                | 0.0043 mg/l  | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 100-41-4    | Ethylbenzene                               | Y          | Yes               | Y           |                        |                      | 2.5            | 0.3                | 0.3                    |                           | 2.9 µg/L       | TRG          |                  |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 108-88-3    | Toluene                                    | Y          | Yes               | Y           | J                      |                      | J              | 2.5                | 0.3                    | 0.3                       |                | 1.8 µg/L     | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      |                      | U              | 25                 | 1.5                    | 1.5                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 1330-20-7   | Xylenes, Total                             | Y          | Yes               | Y           |                        |                      | 2.5            | 0.4                | 0.4                    |                           | 17 µg/L        | TRG          |                  |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 67-64-1     | Acetone                                    | Y          | Yes               | N           | UB                     |                      | UB             | 190                | 190                    | 190                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      |                      | U              | 100                | 20                     | 20                        |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 75-09-2     | Methylene chloride                         | Y          | Yes               | N           | U                      |                      | U              | 2.5                | 0.3                    | 0.3                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 75-15-0     | Carbon Disulfide                           | Y          | Yes               | N           | U                      |                      | U              | 5                  | 0.5                    | 0.5                       |                | 3 µg/L       | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  |                 | 5 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           | J                      |                      | J              | 2.5                | 3.5                    | 3.5                       |                | 13 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  |            | Yes               | Y           |                        |                      |                | 1                  | 0.5                    | 0.5                       |                | 52 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 108-39-4    | 3-Methylphenol                             |            | No                | Y           | E                      |                      | E              | 1                  | 0.5                    | 0.5                       |                | 200 µg/L     | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | DILUTION1 | SW3510C     | DWF06   |                  |                 | 5 106-44-5    | 4-Methylphenol (P-Cresol)                  |            | No                | Y           |                        |                      |                | 5                  | 3                      | 3                         |                | 56 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | DILUTION1 | SW3510C     | DWF06   |                  |                 | 5 108-39-4    | 3-Methylphenol                             |            | Yes               | Y           | D                      |                      | D              | 5                  | 3                      | 3                         |                | 210 µg/L     | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Yes               | Y           |                        |                      |                | 2                  | 0.5                    | 0.5                       |                | 2 µg/L       | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 106-47-8    | 4-Chloroaniline                            | Y          | Yes               | N           | U                      |                      | U              | 5                  | 2                      | 2                         |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 108-95-2    | Phenol                                     | Y          | Yes               | Y           |                        |                      |                | 2                  | 0.5                    | 0.5                       |                | 62 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 110-86-1    | Pyridine                                   | Y          | Yes               | Y           |                        |                      |                | 5                  | 2                      | 2                         |                | 27 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 132-64-9    | Dibenzofuran                               | Y          | Yes               | Y           | J                      |                      | J              | 2                  | 0.5                    | 0.5                       |                | 0.7 µg/L     | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 85-01-8     | Phenanthrene                               | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.1                    | 0.1                       |                | 0.9 µg/L     | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 86-73-7     | Fluorene                                   | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 91-20-3     | Naphthalene                                | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.1                    | 0.1                       |                | 14 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 91-57-6     | 2-Methylnaphthalene                        | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.1                    | 0.1                       |                | 34 µg/L      | TRG              |
| MW-07        | MW-7-20190321   | 3/21/2019   | N                | WG          |                    | 1015618       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  |                 | 1 95-57-8     | 2-Chlorophenol                             | Y          | Yes               | N           | U                      |                      | U              | 2                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |
| MW-07        | MW-7-201        |             |                  |             |                    |               |               |                 |               |               |          |           |             |         |                  |                 |               |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SGC | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                           | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|------------|-----------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-02-0  | Nickel                                  | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-22-4  | Silver                                  | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-31-5  | Tin                                     | N          | Yes               | N           | U                      | U                    | U              | 0.050              | 0.0084                 | 0.050                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-39-3  | Barium                                  | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.0069         | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-41-7  | Beryllium                               | N          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-43-9  | Cadmium                                 | N          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-47-3  | Chromium                                | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     | 0.0024         | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-48-4  | Cobalt                                  | N          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0015                 | 0.0050                    |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-50-8  | Copper                                  | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.012                  | 0.020                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6010C         | 11/5/2020 NA  | T             | INITIAL  | SW3010A   | 410-19389-1 | N       | Yes              | 1               | 7440-66-6  | Zinc                                    | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6020A         | 11/13/2020 NA | T             | INITIAL  | SW3005    | 410-19389-1 | N       | Yes              | 1               | 7440-28-0  | Thallium                                | N          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.1                    | 0.50                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6020A         | 11/13/2020 NA | T             | INITIAL  | SW3005    | 410-19389-1 | N       | Yes              | 1               | 7440-36-0  | Antimony                                | N          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.41                   | 1.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6020A         | 11/13/2020 NA | T             | INITIAL  | SW3005    | 410-19389-1 | N       | Yes              | 1               | 7440-38-2  | Arsenic                                 | N          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.68                   | 2.0                       | 2.6            | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6020A         | 11/13/2020 NA | T             | INITIAL  | SW3005    | 410-19389-1 | N       | Yes              | 1               | 7440-62-2  | Vanadium                                | N          | Yes               | Y           |                        |                      |                | 4.0                | 0.24                   | 4.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW6020A         | 11/13/2020 NA | T             | INITIAL  | SW3005    | 410-19389-1 | N       | Yes              | 1               | 7782-49-2  | Selenium                                | N          | Yes               | Y           |                        |                      |                | 1.0                | 0.28                   | 1.0                       | 2.3            | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW7470A         | 11/5/2020 NA  | T             | INITIAL  | METHOD    | 410-19389-1 | N       | Yes              | 1               | 7439-97-6  | Mercury                                 | N          | Yes               | Y           | J                      | J                    | J              | 0.20               | 0.079                  | 0.20                      | 0.11           | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 1024-57-3  | Heptaclor epoxide                       | Y          | Yes               | N           | U                      | U                    | U              | 0.21               | 0.024                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 1031-07-8  | Endosulfan sulfate                      | Y          | Yes               | N           | U                      | U                    | U              | 0.31               | 0.060                  | 0.31                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 143-50-0   | Kepona                                  | Yes        | Yes               | N           | U                      | U                    | U              | 2.1                | 0.73                   | 2.1                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 309-00-2   | Aldrin                                  | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.021                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 319-84-6   | alpha-BHC (alpha hexachlorocyclohexane) | Yes        | Yes               | N           | U                      | U                    | Up             | 0.25               | 0.25                   | 0.25                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 319-85-7   | beta-BHC (beta hexachlorocyclohexane)   | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.035                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 319-86-8   | delta-BHC                               | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.035                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 33213-65-9 | Endosulfan II                           | Yes        | Yes               | N           | U                      | U                    | U              | 0.16               | 0.041                  | 0.16                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 50-29-3    | p,p'-DDT                                | Yes        | Yes               | N           | U                      | U                    | U              | 0.31               | 0.054                  | 0.31                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 5103-71-9  | alpha-Chlordane                         | Yes        | Yes               | N           | U                      | U                    | Up             | 1.5                | 1.5                    | 1.5                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 5103-74-2  | gamma-Chlordane                         | Yes        | Yes               | N           | U                      | U                    | U              | 0.41               | 0.073                  | 0.41                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 53494-70-5 | Endrin ketone                           | Yes        | Yes               | N           | U                      | U                    | U              | 0.31               | 0.052                  | 0.31                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 57-74-9    | Chlordane                               | Yes        | Yes               | N           | U                      | U                    | U              | 5.2                | 1.7                    | 5.2                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 58-89-9    | gamma-BHC (lindane)                     | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.021                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 60-57-1    | Dieldrin                                | Yes        | Yes               | N           | U                      | U                    | Up             | 0.52               | 0.52                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 72-20-8    | Endrin                                  | Yes        | Yes               | N           | U                      | U                    | U              | 0.31               | 0.084                  | 0.31                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 72-43-5    | Methoxychlor                            | Yes        | Yes               | N           | U                      | U                    | U              | 1.1                | 0.31                   | 1.1                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 72-54-8    | p,p'-DDD                                | Yes        | Yes               | N           | U                      | U                    | U              | 0.31               | 0.052                  | 0.31                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 72-55-8    | p,p'-DDE                                | Yes        | Yes               | Y           | J                      | J                    | J              | 0.31               | 0.052                  | 0.31                      | 0.15           | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 7421-93-4  | Endrin aldehyde                         | Yes        | Yes               | N           | U                      | U                    | U              | 1.0                | 0.21                   | 1.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 76-44-8    | Heptaclor                               | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.021                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 8001-35-2  | Toxaphene                               | Yes        | Yes               | N           | U                      | U                    | U              | 10                 | 3.1                    | 10                        |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8081B         | 11/10/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 10              | 959-98-8   | Endosulfan I                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.21               | 0.045                  | 0.21                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 11096-82-5 | Aroclor 1260                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.52               | 0.16                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 11097-69-1 | Aroclor 1254                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 11104-28-2 | Aroclor 1221                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 11141-16-5 | Aroclor 1232                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.52               | 0.21                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 12672-29-6 | Aroclor 1248                            | Yes        | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20201103   | 11/3/2020 N | WG               |             |                    | 410-19389-3   | ELLE          | SW8082A         | 11/11/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Y       | Yes              | 1               | 12674-11-2 | Aroclor 1016                            | Yes        |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG                              | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------------------------------|------------------|-----------------|--------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 4-Bromophenyl phenyl ether          | Y                | Yes             | N      | U             | U          | U                 | U           | 2.1                    | 0.53                 | 2.1            | ug/L               | TRG                    |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2,4-Dimethylphenol                  | Y                | Yes             | N      | U             | U          | U                 | U           | 11                     | 3.2                  | 11             | ug/L               | TRG                    |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 10595-95-6  | N-Nitrosomethylethylamine           | Yes              | N               | U      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1,4-Dichlorobenzene                 | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 4-Chloroaniline                     | Y                | Yes             | N      | U             | U          | U                 | 11          | 4.2                    | 11                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | p-Phenylenediamine                  | Yes              | N               | R      | R             | U*         | U                 | 320         | 79                     | 320                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Bis(2-Chloroisopropyl) ether        | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Phenol                              | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2-Picoline (alpha-Picoline)         | Yes              | N               | U      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Pyridine                            | Y                | Yes             | Y      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | 23 ug/L        | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Bis(2-Chloroethoxy) ether           | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Bis(2-Chloroethoxy) methane         | Yes              | N               | U      | U             | U          | U                 | 0.11        | 0.53                   | 0.11                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Bis(2-Ethylhexyl) phthalate         | Y                | Yes             | N      | U             | U          | U                 | 12          | 5.3                    | 12                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Di-n-Octyl phthalate                | Y                | Yes             | N      | U             | U          | U                 | 12          | 5.3                    | 12                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Hexachlorobenzene                   | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 3,3'-Dimethylbenzidine              | Yes              | N               | U      | U             | U*         | U                 | 79          | 26                     | 79                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Anthracene                          | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Isosafrole                          | Yes              | N               | U      | U             | U          | U                 | 11          | 4.2                    | 11                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1,2,4-Trichlorobenzene              | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2,4-Dichlorophenol                  | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2,4-Dinitrotoluene                  | Y                | Yes             | N      | U             | U          | U                 | 5.3         | 1.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | alpha, alpha-Dimethylphenethylamine | Yes              | N               | UJ     | UJ            | U          | U*                | 5.3         | 5.3                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1,4-Dioxane (P-Dioxane)             | Y                | Yes             | N      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | O,O,O-Triethyl phosphorothioate     | Y                | Yes             | N      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Pyrene                              | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1,4-Naphthoquinone                  | Yes              | N               | R      | R             | U*         | U                 | 63          | 26                     | 63                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Dimethyl phthalate                  | Y                | Yes             | N      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Dibenzofuran                        | Y                | Yes             | Y      | J             | J          | J                 | 2.1         | 0.53                   | 2.1                  | 0.65 ug/L      | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1-Naphthylamine                     | Yes              | N               | U      | U             | U          | U                 | 22          | 8.4                    | 22                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Aramite (total)                     | Yes              | N               | U      | U             | U          | U                 | 16          | 5.3                    | 16                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Hexachloropropene                   | Yes              | N               | U      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Benzo (g,h,i) perylene              | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Indeno (1,2,3-c,d) pyrene           | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Benzo (b) fluoranthene              | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Fluoranthene                        | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Benzo (k) fluoranthene              | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Acenaphthylene                      | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Chrysene                            | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Diallyl, total                      | Yes              | N               | U      | U             | U          | U                 | 5.3         | 1.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Propylamide                         | Yes              | N               | U      | U             | U          | U                 | 5.3         | 1.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Thionazin                           | Yes              | N               | U      | U             | U          | U                 | 5.3         | 2.1                    | 5.3                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Isodrin                             | Yes              | N               | U      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Benzo (a) pyrene                    | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2,4-Dinitrophenol                   | Y                | Yes             | N      | U             | U          | U                 | 32          | 15                     | 32                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Chlorobenzilate                     | Y                | Yes             | N      | U             | U          | U                 | 11          | 3.2                    | 11                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Dibenz (a,h) anthracene             | Y                | Yes             | N      | U             | U          | U                 | 0.53        | 0.11                   | 0.53                 | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 2-Acetylaminofluorene               | Y                | Yes             | N      | U             | U          | U                 | 22          | 11                     | 22                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 4,6-Dinitro-2-Methylphenol          | Y                | Yes             | N      | U             | U          | U                 | 22          | 8.4                    | 22                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 1,3-Dichlorobenzene                 | Y                | Yes             | N      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | N-Nitrosodiethylamine               | Yes              | N               | U      | U             | U          | U                 | 2.1         | 0.53                   | 2.1                  | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | 3-Methylcholanthrene                | Yes              | N               | U      | U             | U          | U                 | 11          | 4.2                    | 11                   | ug/L           | TRG                |                        |                           |                |             |                  |
| MW-07        | MW-7-20201103   | 11/3/2020 N |                  | WG          |                    | 410-19389-3   | ELLE          | SW8270D         | 11/12/2020 NA | T             | INITIAL  | SW3510C   | 410-19389-1 | Benzo (a) anth                      |                  |                 |        |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_NO     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|-------------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-07        | MW-7-20201103   | 11/3/2020   | N                | WG          |                    | 410-19389-3   | ELLE          | SW9060A         | 11/20/2020    | NA            | T        | INITIAL    | NONE        | 410-19389-1 |                  | 1               | TOC-4      | TOC Replicate 4                            | N          | Yes               |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       |                | 50 mg/l      | TRG              |
| MW-07        | MW-7-12-22-20   | 12/22/2020  | N                | WG          |                    | 410-24995-1   | ELLE          | SW8151A         | 12/29/2020    | NA            | T        | INITIAL    | METHOD      | 410-24995-1 |                  | 1               | 88-85-7    | Dinoseb                                    |            | Yes               | N           | R                      | R                    | U*-1           | 0.57               | 0.27                   | 0.57                      |                | µg/L         | TRG              |
| MW-07        | MW-7-12-22-20   | 12/22/2020  | N                | WG          |                    | 410-24995-1   | ELLE          | SW8151A         | 1/13/2021     | NA            | T        | REEXTRACT1 | METHOD      | 410-24995-1 |                  | 1               | 88-85-7    | Dinoseb                                    |            | No                | N           |                        |                      | UH             | 0.57               | 0.27                   | 0.57                      |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | E300.0          | 9/28/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 10              | 18785-72-3 | Sulfate                                    |            | Yes               | Y           | J                      | J                    | F1             | 10                 | 3.0                    | 10                        | 46 mg/l        | TRG          |                  |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | E353.2          | 9/23/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 1               | 14797-55-0 | Nitrogen, Nitrite                          |            | Yes               | N           | UJ                     | UJ                   | UH             | 0.050              | 0.015                  | 0.050                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | E353.2          | 9/27/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 1               | 14797-55-8 | Nitrogen, Nitrate (as N)                   | N          | Yes               | Y           | J                      | J                    | J              | 0.10               | 0.040                  | 0.10                      | 0.093          | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | E376.2          | 9/24/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 20              | 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           | J                      | J                    | J              | 6.0                | 2.0                    | 6.0                       | 11             | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | E531.1          | 9/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SM2320B         | 9/24/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 1               | ALKP       | Phenolphthalein Alkalinity                 |            | Yes               | N           | U                      | U                    | U              | 8.0                | 2.6                    | 8.0                       |                | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SM2320B         | 9/24/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 1               | ALKP4H.5   | Alkalinity to pH 4.5                       |            | Yes               | Y           | J                      | J                    | HF             | 8.0                | 2.6                    | 8.0                       |                | 250 mg/l     | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SM3500-FE-B     | 10/1/2021     | NA            | T        | INITIAL    | NONE        | 410-55961-1 |                  | 1               | 15438-31-0 | Iron, Ferrous                              |            | Yes               | Y           | J                      | J                    | U              | 0.10               | 0.050                  | 0.10                      |                | 0.15 mg/l    | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SM4500-F-C      | 9/28/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.092                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7439-89-6  | Iron                                       | N          | Yes               | Y           | J                      | J                    | J              | 0.20               | 0.040                  | 0.20                      |                | 0.064 mg/l   | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-02-0  | Nickel                                     |            | Yes               | Y           | J                      | J                    | J              | 0.010              | 0.0021                 | 0.010                     |                | 0.0022 mg/l  | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.0064 mg/l  | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6010C         | 9/29/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     |                | 0.0018 mg/l  | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00041                | 0.0010                    |                | 0.00041 mg/l | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | Y           | J                      | J                    | J              | 0.0020             | 0.00068                | 0.0020                    |                | 0.0014 mg/l  | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      | J              | 0.0040             | 0.00079                | 0.0040                    |                | 0.019 mg/l   | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL    | SW3005      | 410-55961-1 |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    |                | 0.0017 mg/l  | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 2.5                | 0.30                   | 2.5                       |                | 1.7 µg/L     | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 108-88-3   | Toluene                                    | Y          | Yes               | N           | J                      | J                    | J              | 2.5                | 0.35                   | 2.5                       |                | 1.2 µg/L     | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 1.5                | 0.20                   | 1.5                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 67-64-1    | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 25                 | 4.5                    | 25                        |                | 52 µg/L      | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 50                 | 25                     | 50                        |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 25                 | 0.35                   | 25                        |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 5.0                | 0.30                   | 5.0                       |                | 0.66 µg/L    | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 25                 | 3.0                    | 25                        |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL    | SW5030      | 410-55961-1 |                  | 5               | XYLENES    | Xylenes, Total                             | Y          | Yes               | Y           |                        |                      |                | 5.0                | 0.75                   | 5.0                       |                | 9.8 µg/L     | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 1.1                | 0.53                   | 1.1                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | Y           |                        |                      |                | 2.1                | 0.53                   | 2.1                       |                | 2.1 µg/L     | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 108-95-2   | Phenol                                     |            | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 110-86-1   | Pyridine                                   |            | Yes               | N           | U                      | U                    | U              | 5.5                | 0.70                   | 5.5                       |                | 10 µg/L      | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 132-64-9   | Dibenzofuran                               | Y          | Yes               | Y           | J                      | J                    | J              | 2.1                | 0.53                   | 2.1                       |                | 0.78 µg/L    | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 85-01-8    | Phenanthrene                               | Y          | Yes               | Y           |                        |                      |                | 0.53               | 0.12                   | 0.53                      |                | 0.65 µg/L    | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 86-73-7    | Fluorene                                   | Y          | Yes               | Y           |                        |                      |                | 0.53               | 0.13                   | 0.53                      |                | 0.66 µg/L    | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 91-20-3    | Naphthalene                                | Y          | Yes               | Y           |                        |                      |                | 0.53               | 0.11                   | 0.53                      |                | 15 µg/L      | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | Y           |                        |                      |                | 0.53               | 0.11                   | 0.53                      |                | 30 µg/L      | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL    | SW3510C     | 410-55961-1 |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270DSIM      | 10/6/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270DSIM      | 10/6/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8270DSIM      | 10/6/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L         | TRG              |
| MW-07        | MW-7-20210921   | 9/21/2021   | N                | WG          |                    | 410-55961-1   | ELLE          | SW8315A         | 9/27/2021     | NA            | T        | INITIAL    | METHOD      | 410-55961-1 |                  | 1               | 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 120                | 54                     | 120                       |                | 88 µg/L      | TRG              |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|---------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SM4500-F-C      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 16984-48-8     |                 | Fluoride                              |               |            | Yes               | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.092                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7439-89-6      |                 | Iron                                  | N             | Yes        | Y                 | J           | J                      | J                    | U              | 0.20               | 0.080                  | 0.20                      | 0.12           | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-02-0      |                 | Nickel                                | N             | Yes        | N                 | U           | U                      | U                    | U+             | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-39-3      |                 | Barium                                | N             | Yes        | Y                 |             |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.0056         | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-47-3      |                 | Chromium                              | N             | Yes        | N                 | U           | U                      | U                    | U+             | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-66-6      |                 | Zinc                                  | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-36-0      |                 | Antimony                              | N             | Yes        | Y                 | J           | J                      | J                    | J              | 0.0010             | 0.00020                | 0.0010                    | 0.00031        | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-38-2      |                 | Arsenic                               | N             | Yes        | Y                 | J           | J                      | J                    | J              | 0.0020             | 0.00068                | 0.0020                    | 0.0012         | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7440-62-2      |                 | Vanadium                              | N             | Yes        | Y                 |             |                        |                      |                | 0.0040             | 0.00079                | 0.0040                    | 0.0016         | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | 1 7782-49-2      |                 | Selenium                              | N             | Yes        | Y                 |             |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    | 0.0014         | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 100-41-4       |                 | Ethylbenzene                          | Y             | Yes        | Y                 |             |                        |                      |                | 0.50               | 0.080                  | 0.50                      | 1.7            | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 108-88-3       |                 | Toluene                               | Y             | Yes        | Y                 |             |                        |                      |                | 0.50               | 0.080                  | 0.50                      | 1.4            | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 126-98-7       |                 | Methylacrylonitrile                   | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 1330-20-7      |                 | Xylenes, Total                        | Y             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.070                  | 1.0                       | 9.4            | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 67-64-1        |                 | Acetone                               | Y             | Yes        | Y                 |             |                        |                      |                | 5.0                | 1.0                    | 5.0                       | 23             | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 75-05-8        |                 | Acetonitrile                          | Y             | Yes        | N                 | U           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 75-09-2        |                 | Methylene chloride                    | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 75-15-0        |                 | Carbon Disulfide                      | Y             | Yes        | Y                 | J           | J                      | J                    | J              | 1.0                | 0.10                   | 1.0                       | 0.17           | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | 1 78-93-3        |                 | Methyl ethyl ketone (2-Butanone)      | Y             | Yes        | N                 | U           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 106-46-7       |                 | 1,4-Dichlorobenzene                   | Y             | Yes        | Y                 | J           | J                      | J                    | J              | 2.0                | 0.51                   | 2.0                       | 1.3            | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 106-47-8       |                 | 4-Chloroaniline                       | Y             | Yes        | N                 | U           | U                      | U                    | U              | 10                 | 4.0                    | 10                        |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 108-95-2       |                 | Phenol                                | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 110-86-1       |                 | Pyridine                              | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 132-20-9       |                 | Dibenzofuran                          | Y             | Yes        | Y                 | J           | J                      | J                    | J              | 2.0                | 0.51                   | 2.0                       | 0.74           | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 85-01-8        |                 | Phenanthrene                          | Y             | Yes        | Y                 |             |                        |                      |                | 0.51               | 0.11                   | 0.51                      | 0.75           | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 86-73-7        |                 | Fluorene                              | Y             | Yes        | Y                 |             |                        |                      |                | 0.51               | 0.12                   | 0.51                      | 0.53           | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 91-20-3        |                 | Naphthalene                           | Y             | Yes        | Y                 |             |                        |                      |                | 0.51               | 0.10                   | 0.51                      | 42             | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 91-57-6        |                 | 2-Methylnaphthalene                   | Y             | Yes        | Y                 |             |                        |                      |                | 0.51               | 0.10                   | 0.51                      | 24             | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 95-57-8        |                 | 2-Chlorophenol                        | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 106-44-5       |                 | 4-Methylphenol (P-Cresol)             | Y             | Yes        | N                 | UJ          | UJ                     | UJ                   | U+             | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1 108-39-4       |                 | 3-Methylphenol                        | Y             | Yes        | N                 | UJ          | UJ                     | UJ                   | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 93-72-1        |                 | Silvex (2,4,5-TP)                     | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.024              | 0.0095                 | 0.024                     |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 93-76-5        |                 | 2,4,5-T (Trichlorophenoxyacetic acid) | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.024              | 0.0095                 | 0.024                     |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 94-75-7        |                 | 2,4-D (Dichlorophenoxyacetic acid)    | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.24               | 0.095                  | 0.24                      |                | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9012B         | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 50-00-0        |                 | FORMALDEHYDE                          | Y             | Yes        | N                 | U           | U                      | U                    | U              | 120                | 0.54                   | 120                       | 100            | µg/L        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9012B         | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1 57-12-5        |                 | Cyanide                               | Y             | Yes        | N                 | U           | U                      | U                    | Ucn            | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9060A         | 10/5/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1  | 5                | TOC             | Total organic carbon                  | N             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       | 39             | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9060A         | 10/5/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1  | 1                | TOC-1           | TOC Replicate 1                       | N             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       | 38             | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9060A         | 10/5/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1  | 2                | TOC-2           | TOC Replicate 2                       | N             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       | 39             | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9060A         | 10/5/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1  | 3                | TOC-3           | TOC Replicate 3                       | N             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       | 39             | mg/l        | TRG              |
| MW-07        | MW-7-20220926   | 9/26/2022   | N                | WG          |                    | 410-99444-1   | EuroFins Lan  | SW9060A         | 10/5/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1  | 4                | TOC-4           | TOC Replicate 4                       | N             | Yes        | Y                 |             |                        |                      |                | 1.0                | 0.50                   | 1.0                       | 40             | mg/l        | TRG              |
| MW-07        | MW-7-20230328   | 3/28/2023   | N                | WG          |                    | 410-120578-1  | EuroFins Lan  | E300.0          | 4/11/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 5                | 18785-72-3      | Sulfate                               |               | Yes        | Y                 |             |                        |                      |                | 7.5                | 2.5                    | 7.5                       | 42             | mg/l        | TRG              |
| MW-07        | MW-7-20230328   | 3/28/2023   | N                | WG          |                    | 410-120578-1  | EuroFins Lan  | E353.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 1                | 14797-65-0      | Nitrogen, Nitrite                     | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.050              | 0.015                  | 0.050                     |                | mg/l        | TRG              |
| MW-07        | MW-7-20230328   | 3/28/2023   | N                | WG          |                    | 410-120578-1  | EuroFins Lan  | E353.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 1                | 14797-55-8      | Nitrogen, Nitrate (as N)              | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.10               | 0.040                  | 0.10                      |                | mg/l        | TRG              |
| MW-07        | MW-7-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-1  | EuroFins Lan  | E376.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 4                | 18496-25-8      | Sulfide, Reactive                     | Y             | Yes        | Y                 |             |                        |                      |                | 1.2                | 0.40                   | 1.2                       | 5.8            | mg/l        | TRG              |
| MW-07        | MW-7-20230328   | 3           |                  |             |                    |               |               |                 |               |               |          |           |             |              |                  |                 |                                       |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_ CODE | SYS_SAMPLE_ CODE | SAMPLE_ DATE | SAMPLE_TYPE_ CODE | MATRIX_ CODE | PARENT_SAMPLE_ CODE | LAB_ SAMPLE_ID | LAB_ NAME CODE | ANALYTIC_ METHOD | ANALYSIS_ DATE | COLUMN_ NUMBER | FRACTION | TEST_ TYPE | PREP_ METHOD | LAB_SDG     | PERCENT_ MOISTURE | DILUTION_ FACTOR | CAS_RN   | CHEMICAL_NAME       | ORGANIC_YN                                 | REPORTABLE_ RESULT | DETECT_ FLAG | INTERPRETED_ QUALIFIERS | VALIDATOR_ QUALIFIERS | LAB_ QUALIFIERS | QUANTITATION_ LIMIT | METHOD_ DETECTION_LIMIT | REPORTING_ DETECTION_LIMIT | RESULT_ NUMERIC | RESULT_ UNIT | RESULT_ TYPE_CODE |      |     |
|---------------|------------------|--------------|-------------------|--------------|---------------------|----------------|----------------|------------------|----------------|----------------|----------|------------|--------------|-------------|-------------------|------------------|----------|---------------------|--------------------------------------------|--------------------|--------------|-------------------------|-----------------------|-----------------|---------------------|-------------------------|----------------------------|-----------------|--------------|-------------------|------|-----|
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  |                   | 5                | 108-88-3 | Toluene             | Y                                          | Yes                | Y            | J                       | J                     | J               | 2.5                 | 0.35                    | 2.5                        |                 | 1.9          | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  |                   | 5                | 126-98-7 | Methylacrylonitrile |                                            | Yes                | N            | U                       | U                     | U               | 25                  | 1.5                     | 25                         |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | 67-64-1             | Acetone                                    | Y                  | Yes          | Y                       |                       | U               | 25                  | 4.5                     | 25                         |                 | 77           | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | 75-05-8             | Acetonitrile                               | Y                  | Yes          | N                       | U                     | U               | 100                 | 15                      | 100                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | 75-09-2             | Methylene chloride                         | Y                  | Yes          | N                       | U                     | U               | 2.5                 | 0.35                    | 2.5                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | 75-15-0             | Carbon Disulfide                           | Y                  | Yes          | Y                       | J                     | J               | 5.0                 | 0.30                    | 5.0                        |                 | 0.84         | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | 78-93-3             | Methyl ethyl ketone (2-Butanone)           | Y                  | Yes          | N                       | U                     | U               | 25                  | 3.0                     | 25                         |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8260C          | 6/24/2020      | NA             | T        | INITIAL    | SW5030       | 410-3883-1  | Y                 |                  | 5        | XYLENES             | XYlenes, Total                             | Y                  | Yes          | Y                       |                       | U               | 5.0                 | 0.75                    | 5.0                        |                 | 16           | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/16/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1        | 106-44-5            | 4-Methylphenol (P-Cresol)                  | Y                  | Yes          | N                       | U                     | U               | 1.0                 | 0.50                    | 1.0                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/16/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1        | 108-39-4            | 3-Methylphenol                             | Y                  | Yes          | N                       | UJ                    | UJ              | 1.0                 | 0.50                    | 1.0                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 94-75-7             | 2,4-Dichlorobenzene                        | Y                  | Yes          | Y                       | J                     | J               | 2.0                 | 0.25                    | 2.0                        |                 | 1.2          | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 106-47-8            | 4-Chloroaniline                            | Y                  | Yes          | N                       | U                     | U               | 10                  | 4.0                     | 10                         |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 108-95-2            | Phenol                                     | Y                  | Yes          | N                       | U                     | U               | 2.0                 | 0.50                    | 2.0                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 110-86-1            | Pyridine                                   | Y                  | Yes          | Y                       |                       | U               | 5.0                 | 2.0                     | 5.0                        |                 | 17           | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 132-64-9            | Dibenzofuran                               | Y                  | Yes          | Y                       | J                     | J               | 2.0                 | 0.50                    | 2.0                        |                 | 0.86         | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 85-01-8             | Phenanthrene                               | Y                  | Yes          | N                       | U                     | U               | 0.50                | 0.10                    | 0.50                       |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 86-73-7             | Fluorene                                   | Y                  | Yes          | Y                       |                       |                 | 0.50                | 0.10                    | 0.50                       |                 | 0.63         | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 91-20-3             | Naphthalene                                | Y                  | Yes          | Y                       |                       |                 | 0.50                | 0.10                    | 0.50                       |                 | 19           | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 91-57-6             | 2-Methylnaphthalene                        | Y                  | Yes          | Y                       |                       |                 | 0.50                | 0.10                    | 0.50                       |                 | 30           | µg/L              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270D          | 6/20/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  | Y                 |                  | 1        | 95-57-8             | 2-Chlorophenol                             | Y                  | Yes          | N                       | U                     | U               | 2.0                 | 0.50                    | 2.0                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270DSIM       | 6/19/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1        | 93-72-1             | Silvex (2,4,5-TP)                          | Y                  | Yes          | N                       | U                     | U               | 0.025               | 0.010                   | 0.025                      |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270DSIM       | 6/19/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1        | 93-76-5             | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y                  | Yes          | N                       | U                     | U               | 0.025               | 0.010                   | 0.025                      |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8270DSIM       | 6/19/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1        | 94-75-7             | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y                  | Yes          | N                       | U                     | U               | 0.025               | 0.010                   | 0.025                      |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW8315A          | 6/16/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1        | 50-00-0             | FORMALDEHYDE                               | Y                  | Yes          | N                       | U                     | U               | 50                  | 20                      | 110                        |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9012B          | 6/18/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1        | 57-12-5             | Cyanide                                    | Y                  | Yes          | N                       | U                     | U               | 0.010               | 0.0050                  | 0.010                      |                 |              |                   |      |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9060A          | 6/21/2020      | NA             | T        | INITIAL    | NONE         | 410-3883-1  |                   |                  | 5        | TOC                 | Total organic carbon                       | N                  | Yes          | Y                       |                       |                 | 5.0                 | 2.5                     | 5.0                        |                 | 59           | mg/l              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9060A          | 6/21/2020      | NA             | T        | INITIAL    | NONE         | 410-3883-1  |                   |                  | 5        | TOC-1               | TOC Replicate 1                            | N                  | Yes          | Y                       |                       |                 | 5.0                 | 2.5                     | 5.0                        |                 | 59           | mg/l              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9060A          | 6/21/2020      | NA             | T        | INITIAL    | NONE         | 410-3883-1  |                   |                  | 5        | TOC-2               | TOC Replicate 2                            | N                  | Yes          | Y                       |                       |                 | 5.0                 | 2.5                     | 5.0                        |                 | 60           | mg/l              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9060A          | 6/21/2020      | NA             | T        | INITIAL    | NONE         | 410-3883-1  |                   |                  | 5        | TOC-3               | TOC Replicate 3                            | N                  | Yes          | Y                       |                       |                 | 5.0                 | 2.5                     | 5.0                        |                 | 58           | mg/l              | TRG  |     |
| MW-07         | MW-7-20200610    | 6/10/2020    | N                 | WG           |                     | 410-4022-3     | ELLE           | SW9060A          | 6/21/2020      | NA             | T        | INITIAL    | NONE         | 410-3883-1  |                   |                  | 5        | TOC-4               | TOC Replicate 4                            | N                  | Yes          | Y                       |                       |                 | 5.0                 | 2.5                     | 5.0                        |                 | 60           | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | E300.0           | 3/29/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 5        | 18785-72-3          | Sulfate                                    | Y                  | Yes          | Y                       |                       |                 | 5.0                 | 1.5                     | 5.0                        |                 | 9.4          | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | E353.2           | 3/25/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1        | 14797-55-8          | Nitrogen, Nitrate (as N)                   | N                  | Yes          | Y                       | J                     | J               | 0.10                | 0.040                   | 0.10                       |                 | 0.056        | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | E353.2           | 3/25/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1        | 14797-65-0          | Nitrogen, Nitrite                          | Y                  | Yes          | N                       | U                     | U               | 0.050               | 0.015                   | 0.050                      |                 |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33440-2    | ELLE           | E376.2           | 3/25/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 50       | 18496-25-8          | Sulfide, Reactive                          | Y                  | Yes          | Y                       |                       |                 | 15                  | 5.0                     | 15                         |                 | 25           | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33440-2    | ELLE           | E531.1           | 4/2/2021       | NA             | T        | INITIAL    | METHOD       | 410-33440-2 |                   |                  | 1        | 116-06-3            | Aldicarb (sulfide, sulfoxide, and sulfone) | Y                  | Yes          | N                       | U                     | U               | 2.0                 | 1.0                     | 2.0                        |                 |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SM2320B          | 3/27/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1        | ALK                 | Total Alkalinity                           | Y                  | Yes          | Y                       |                       |                 | 8.0                 | 2.6                     | 8.0                        |                 | 270          | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SM2320B          | 3/27/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1        | ALKP                | Phenolphthalein Alkalinity                 | Y                  | Yes          | N                       | U                     | U               | U                   | 8.0                     | 2.6                        | 8.0             |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SM3500-FE-B      | 3/29/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1        | 15438-31-0          | Iron, Ferrous                              | Y                  | Yes          | Y                       | J                     | J               | HF                  | 0.10                    | 0.050                      | 0.10            |              | 0.12              | mg/l | TRG |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33440-2    | ELLE           | SM4500-F-C       | 3/31/2021      | NA             | T        | INITIAL    | METHOD       | 410-33431-1 |                   |                  | 1        | 16984-48-8          | Fluoride                                   | Y                  | Yes          | N                       | U                     | U               | 0.095               | 0.029                   | 0.095                      |                 |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7439-89-6           | Iron                                       | Y                  | Yes          | Y                       | J                     | J               | 0.20                | 0.040                   | 0.20                       |                 | 0.11         | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-02-0           | Nickel                                     | N                  | Yes          | Y                       | J                     | J               | 0.010               | 0.0021                  | 0.010                      |                 | 0.0026       | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-39-3           | Barium                                     | N                  | Yes          | Y                       |                       |                 | 0.0050              | 0.0010                  | 0.0050                     |                 | 0.0074       | mg/l              | TRG  |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-47-3           | Chromium                                   | N                  | Yes          | N                       | U                     | U               | U                   | 0.015                   | 0.0016                     | 0.015           |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-66-6           | Zinc                                       | N                  | Yes          | N                       | U                     | U               | U                   | 0.020                   | 0.0037                     | 0.020           |              |                   |      |     |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6020A          | 3/26/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-36-0           | Antimony                                   | N                  | Yes          | Y                       | J                     | J               | J                   | 0.0010                  | 0.00041                    | 0.0010          |              | 0.00058           | mg/l | TRG |
| MW-07         | MW-7-20210323    | 3/23/2021    | N                 | WG           |                     | 410-33431-1    | ELLE           | SW6020A          | 3/26/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 | N                 |                  | 1        | 7440-38-2           | Arsenic                                    | N                  | Yes          | Y                       |                       |                 | 0.0020              | 0.00068                 | 0.0020                     |                 | 0.00         |                   |      |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE    | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR                            | CAS_RN                                | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|--------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|------------|-----------|-------------|-------------|------------------|--------------------------------------------|---------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/7/2017 NA   | T             | INITIAL    | SW3510C   | DWE06       | 0           | 186-73-7         |                                            | Fluorene                              | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/7/2017 NA   | T             | INITIAL    | SW3510C   | DWE06       | 0           | 91-20-3          |                                            | Naphthalene                           | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/7/2017 NA   | T             | INITIAL    | SW3510C   | DWE06       | 0           | 91-57-6          |                                            | 2-Methylnaphthalene                   | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/7/2017 NA   | T             | INITIAL    | SW3510C   | DWE06       | 0           | 195-57-8         |                                            | 2-Chlorophenol                        | Y             | Y          | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/7/2017 NA   | T             | INITIAL    | SW3510C   | DWE06       | 0           | 198904-43-9      |                                            | TERPHENYL-D14                         | Y             | Y          | Y                 | Y           | =                      | =                    | 0.9            | 79                 | %                      |                           | TRG            |             |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/12/2017 NA  | T             | REANALYSIS | SW3510C   | DWE06       | 0           | 1106-44-5        |                                            | 4-Methylphenol (P-Cresol)             | Y             | Y          | N                 | UJ          | UJ                     | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270C         | 4/12/2017 NA  | T             | REANALYSIS | SW3510C   | DWE06       | 0           | 1108-39-4        |                                            | 3-Methylphenol                        | Y             | N          | UJ                | UJ          | U                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270SIM       | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0           | 119719-28-9      |                                            | 2,4-Dichlorophenylacetic acid         | Y             | Y          | Y                 | =           | =                      | =                    |                | 118                | %                      |                           | TRG            |             |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270SIM       | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0           | 93-72-1          |                                            | Silvex (2,4,5-TP)                     | Y             | N          | U                 | U           | U                      | U                    | 0.023          | 0.0094             | 0.023                  | 0.0094                    | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270SIM       | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0           | 93-76-5          |                                            | 2,4,5-T (Trichlorophenoxyacetic acid) | Y             | Y          | Y                 | =           | =                      | =                    | 0.023          | 0.0094             | 0.023                  | 0.023                     | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8270SIM       | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0           | 194-75-7         |                                            | 2,4-D (Dichlorophenoxyacetic acid)    | Y             | N          | U                 |             |                        |                      | 0.23           | 0.047              | 0.23                   | 0.047                     | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8315A         | 4/4/2017 NA   | T             | INITIAL    | METHOD    | DWE06       | 0           | 123-72-8         |                                            | N-BUTYRALDEHYDE                       | Y             | Y          | Y                 |             |                        |                      |                | 110                | %                      |                           | TRG            |             |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW8315A         | 4/4/2017 NA   | T             | INITIAL    | METHOD    | DWE06       | 0           | 150-00-0         |                                            | FORMALDEHYDE                          | N             | Y          | X                 | X           | X                      | J                    | 50             | 10                 | 50                     | 50                        | µg/L           | TRG         |                  |     |
| MW-08        | MW-8_170330        | 3/30/2017 N | WG               |             |                    | 8913689       | Lan           | SW9012A         | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0           | 57-12-5          |                                            | Cyanide                               | Y             | N          | U                 | U           | U                      | U                    | 0.01           | 0.005              | 0.005                  | 0.005                     | mg/l           | TRG         |                  |     |
| MW-08        | MW-8_170411        | 4/11/2017 N | WG               |             |                    | 8935247       | Lan           | SW8315A         | 4/16/2017 NA  | T             | INITIAL    | METHOD    | DWE07       | 0           | 123-72-8         |                                            | N-BUTYRALDEHYDE                       | Y             | Y          | Y                 |             |                        |                      |                | 96                 | %                      |                           | TRG            |             |                  |     |
| MW-08        | MW-8_170411        | 4/11/2017 N | WG               |             |                    | 8935247       | Lan           | SW8315A         | 4/16/2017 NA  | T             | INITIAL    | METHOD    | DWE07       | 0           | 150-00-0         |                                            | FORMALDEHYDE                          | Y             | Y          | J                 | J           | =                      | =                    | 50             | 10                 | 50                     | 83                        | µg/L           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | E340.2          | 10/4/2017 NA  | N             | INITIAL    | METHOD    | DWE11       | 116984-48-8 |                  | Fluoride                                   | Yes                                   | N             | U          | U                 | U           | 0.092                  | 0.028                | 0.028          |                    |                        |                           |                | mg/l        | TRG              |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | E376.2          | 10/3/2017 NA  | N             | INITIAL    | METHOD    | DWE11       | 118496-25-8 |                  | Sulfide, Reactive                          | Yes                                   | Y             | Y          | U                 | U           | U                      | 0.1                  | 0.03           | 0.03               | 0.14                   | mg/l                      | TRG            |             |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | E531.1          | 10/3/2017 NA  | N             | INITIAL    | METHOD    | DWE11       | 1116-06-3   |                  | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes                                   | N             | U          | U                 | U           | U                      | 2                    | 1              | 1                  |                        |                           |                | µg/L        | TRG              |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6010B         | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-02-0  |                  | Nickel                                     | N                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.01           | 0.004              | 0.004                  | 0.004                     | mg/l           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6010B         | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-39-3  |                  | Barium                                     | N                                     | Yes           | Y          | N                 | U           | U                      | U                    | 0.005          | 0.00085            | 0.00085                | 0.0174                    | mg/l           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6010B         | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-47-3  |                  | Chromium                                   | N                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.015          | 0.0033             | 0.0033                 |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6010B         | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-66-6  |                  | Zinc                                       | N                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.005          | 0.0005             | 0.0005                 |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6020          | 10/8/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-36-0  |                  | Antimony                                   | N                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.001          | 0.00045            | 0.00045                |                           |                |             | mg/l             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW5020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-38-2  |                  | Arsenic                                    | N                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.002          | 0.00072            | 0.00072                |                           |                |             | mg/l             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17440-62-2  |                  | Vanadium                                   | N                                     | Yes           | Y          | N                 | U           | U                      | U                    | 0.0005         | 0.00021            | 0.00021                | 0.0064                    | mg/l           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE11       | 17782-49-2  |                  | Selenium                                   | N                                     | Yes           | Y          | J                 | J           | J                      | J                    | 0.002          | 0.0005             | 0.0005                 | 0.00097                   | mg/l           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 2100-41-4   |                  | Ethylbenzene                               | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 1              | 0.2                | 0.2                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 2108-88-3   |                  | Toluene                                    | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 1              | 0.2                | 0.2                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 2126-98-7   |                  | Methylacrylonitrile                        | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 10             | 0.6                | 0.6                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 21330-20-7  |                  | Xylenes, Total                             | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 1              | 0.2                | 0.2                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 267-64-1    |                  | Acetone                                    | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 10             | 6                  | 6                      |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 275-05-8    |                  | Acetonitrile                               | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 40             | 14                 | 14                     |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 275-09-2    |                  | Methylene chloride                         | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 1              | 0.4                | 0.4                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 275-15-0    |                  | Carbon Disulfide                           | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 2              | 0.8                | 0.8                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8260B         | 10/4/2017 NA  | N             | INITIAL    | SW5030B   | DWE11       | 278-93-3    |                  | Methyl ethyl ketone (2-Butanone)           | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 10             | 2                  | 2                      |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1106-46-7   |                  | 1,4-Dichlorobenzene                        | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1106-47-8   |                  | 4-Chloroaniline                            | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 4              | 2                  | 2                      |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1108-95-2   |                  | Phenol                                     | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1110-86-1   |                  | Pyridine                                   | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1132-64-9   |                  | Dibenzofuran                               | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 185-01-8    |                  | Phenanthrene                               | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 186-73-7    |                  | Fluorene                                   | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 91-20-3     |                  | Naphthalene                                | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 91-57-6     |                  | 2-Methylnaphthalene                        | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |     |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 95-57-8     |                  | 2-Chlorophenol                             | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL    | SW3510C   | DWE11       | 1106-44-5   |                  | 4-Methylphenol (P-Cresol)                  | Y                                     | Yes           | N          | U                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             | µg/L             | TRG |
| MW-08        | MW-8-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234280       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL    | SW8151A   | DWE11       | 93-72-1     |                  | Silvex (2,4,5-TP)                          | Yes                                   | N             | U          | U                 | U           | U                      | U                    | 0.024          | 0.0094</           |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/5/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/5/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/5/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/5/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/5/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Yes        | Yes               | N           | UJ                     | UJ                   | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  | N             | INITIAL  | SW3510C   | DWF02       |         |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Yes        | Yes               | N           | UJ                     | UJ                   | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF02       |         |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Yes        | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF02       |         |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF02       |         |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW8315A         | 9/30/2018 NA  | N             | INITIAL  | METHOD    | DWF02       |         |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Yes        | Y                 | J           | J                      | J                    | U              | 50                 | 30                     |                           | 190            | µg/L        | TRG              |     |
| MW-08        | MW-8_20182609   | 9/26/2018 N |                  | WG          |                    | 9823774       | EuroFins Lan  | SW9012A         | 10/4/2018 NA  | N             | INITIAL  | METHOD    | DWF02       |         |                  |                 | 1 57-12-5    | Cyanide                                    | Yes        | N                 | U           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD PH     | pH (field)                                 | N          | Y                 | Y           |                        |                      |                |                    |                        |                           | 5.49           | s.u.        | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_DO     | Dissolved Oxygen-Field                     |            | Y                 | Y           |                        |                      |                |                    |                        |                           | 0.99           | mg/l        | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_EH     | Field Eh                                   |            | Y                 | Y           |                        |                      |                |                    |                        |                           | 0.337          | ms/cm       | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_TEMP   | Temperature (field)                        |            | Y                 | Y           |                        |                      |                |                    |                        |                           | 20.08          | deg c       | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_TURB   | Turbidity-Field                            |            | Y                 | Y           |                        |                      |                |                    |                        |                           | 3.76           | ntu         | TRG              |     |
| MW-08        | MW-8            | 9/26/2018 N |                  | WG          |                    |               |               | FIELD MEASURE   | 9/26/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | ORP          | Oxidation Reduction Potential              |            | Y                 | Y           |                        |                      |                |                    |                        |                           | -251.4         | mV          | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | E340.2          | 3/29/2019 NA  | N             | INITIAL  | E300      | DWF05       |         |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.09               | 0.027                  | 0.027                     |                | mg/l        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | E376.2          | 3/23/2019 NA  | N             | INITIAL  |           | DWF05       |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | E531.1          | 3/23/2019 NA  | N             | INITIAL  |           | DWF05       |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.1                | 0.0031                 | 0.0031                    |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | N           | U                      | U                    | U              | 0.005              | 0.001                  | 0.001                     |                | 0.0187      | mg/L             | TRG |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW5010B         | 4/1/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.003                  | 0.003                     |                | mg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL  | SW3020A   | DWF05       |         |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL  | SW3020A   | DWF05       |         |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL  | SW3020A   | DWF05       |         |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      | U              | 0.001              | 0.00024                | 0.00024                   |                | 0.0084      | mg/l             | TRG |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL  | SW3020A   | DWF05       |         |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | J           | J                      | J                    | J              | 0.002              | 0.00065                | 0.00065                   |                | 0.0011      | mg/l             | TRG |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 2.5                | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 2.5                | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 2.5                | 1.5                    | 1.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 2.5                | 0.4                    | 0.4                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 67-64-1    | Acetone                                    | Y          | Yes               | N           | UB                     | UB                   | J              | 25                 | 25                     | 25                        |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 100                | 20                     | 20                        |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 2.5                | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 0.5                    | 0.5                       |                | 2.1         | µg/L             | TRG |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  |                 | 5 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 25                 | 3.5                    | 3.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20190320   | 3/20/2019 N |                  | WG          |                    | 1014418       | EuroFins Lan  | SW8270C         | 3/31/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Yes        | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-08        | MW-8-20         |             |                  |             |                    |               |               |                 |               |               |          |           |             |         |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_ CODE | SYS_SAMPLE_ CODE | SAMPLE_ DATE | SAMPLE_TYPE_ CODE | MATRIX_ CODE | PARENT_SAMPLE_ CODE | LAB_ SAMPLE_ID | LAB_ NAME | CODE | ANALYTIC_ METHOD_ | ANALYSIS_ DATE | COLUMN_ NUMBER | FRACTION | TEST_ TYPE | PREP_ METHOD | LAB_SG      | PERCENT_ MOISTURE | DILUTION_ FACTOR | CAS_RN | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_ RESULT | DETECT_ FLAG | INTERPRETED_ QUALIFIERS | VALIDATOR_ QUALIFIERS | LAB_ QUALIFIERS | QUANTITATION_ LIMIT | METHOD_ DETECTION_LIMIT | REPORTING_ DETECTION_LIMIT | RESULT_ NUMERIC | RESULT_ UNIT | RESULT_ TYPE_CODE |     |
|---------------|------------------|--------------|-------------------|--------------|---------------------|----------------|-----------|------|-------------------|----------------|----------------|----------|------------|--------------|-------------|-------------------|------------------|--------|--------------------------------------------|------------|--------------------|--------------|-------------------------|-----------------------|-----------------|---------------------|-------------------------|----------------------------|-----------------|--------------|-------------------|-----|
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 67-64-1        |        | Acetone                                    | Y          | Yes                | J            | J                       | J                     | J               | 5.0                 | 0.90                    | 5.0                        |                 | 3            | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 75-05-8        |        | Acetonitrile                               | Y          | Yes                | N            | U                       | U                     | U               | 20                  | 3.0                     | 20                         |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 75-09-2        |        | Methylene chloride                         | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.070                   | 0.50                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 75-15-0        |        | Carbon Disulfide                           | Y          | Yes                | Y            | J                       | J                     | J               | 1.0                 | 0.060                   | 1.0                        |                 | 0.087        | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 78-93-3        |        | Methyl ethyl ketone (2-Butanone)           | Y          | Yes                | N            | U                       | U                     | U               | 5.0                 | 0.60                    | 5.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8260C           | 11/14/2020     | NA             | T        | INITIAL    | SW5030       | 410-19389-1 |                   | 1 XYLENES        |        | Xylenes, Total                             | Y          | Yes                | N            | U                       | U                     | U               | 1.0                 | 0.15                    | 1.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270            | 11/16/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 |                   | 1 106-44-5       |        | 4-Methylphenol (P-Cresol)                  | Y          | Yes                | N            | UJ                      | UJ                    | U*              | 1.1                 | 0.53                    | 1.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270            | 11/16/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 |                   | 1 108-39-4       |        | 3-Methylphenol                             | Y          | Yes                | N            | UJ                      | UJ                    | U*              | 1.1                 | 0.53                    | 1.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 106-46-7       |        | 1,4-Dichlorobenzene                        | Y          | Yes                | N            | U                       | U                     | U               | 2.1                 | 0.53                    | 2.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 106-47-8       |        | 4-Chloroaniline                            | Y          | Yes                | N            | U                       | U                     | U               | 11                  | 4.2                     | 11                         |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 108-95-2       |        | Phenol                                     | Y          | Yes                | N            | U                       | U                     | U               | 2.1                 | 0.53                    | 2.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 110-86-1       |        | Pyridine                                   | Y          | Yes                | N            | U                       | U                     | U               | 5.3                 | 2.1                     | 5.3                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 132-64-9       |        | Dibenzofuran                               | Y          | Yes                | N            | U                       | U                     | U               | 2.1                 | 0.53                    | 2.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 85-01-8        |        | Phenanthrene                               | Y          | Yes                | N            | U                       | U                     | U               | 0.53                | 0.11                    | 0.53                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 86-73-7        |        | Fluorene                                   | Y          | Yes                | N            | U                       | U                     | U               | 0.53                | 0.11                    | 0.53                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 91-20-3        |        | Naphthalene                                | Y          | Yes                | N            | U                       | U                     | U               | 0.53                | 0.11                    | 0.53                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 91-57-6        |        | 2-Methylnaphthalene                        | Y          | Yes                | N            | U                       | U                     | U               | 0.53                | 0.11                    | 0.53                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270D           | 11/13/2020     | NA             | T        | INITIAL    | SW3510C      | 410-19389-1 | Y                 | 1 95-57-8        |        | 2-Chlorophenol                             | Y          | Yes                | N            | U                       | U                     | U               | 2.1                 | 0.53                    | 2.1                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270DSIM        | 11/13/2020     | NA             | T        | INITIAL    | METHOD       | 410-19389-1 |                   | 1 93-72-1        |        | Silvex (2,4,5-TP)                          | Y          | Yes                | N            | UJ                      | UJ                    | U*              | 0.025               | 0.010                   | 0.025                      |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270DSIM        | 11/13/2020     | NA             | T        | INITIAL    | METHOD       | 410-19389-1 |                   | 1 93-76-5        |        | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes                | N            | UJ                      | UJ                    | U*              | 0.025               | 0.010                   | 0.025                      |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8270DSIM        | 11/13/2020     | NA             | T        | INITIAL    | METHOD       | 410-19389-1 |                   | 1 94-75-7        |        | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes                | N            | U                       | U                     | U               | 0.25                | 0.10                    | 0.25                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8315A           | 11/10/2020     | NA             | T        | INITIAL    | METHOD       | 410-19389-1 |                   | 1 50-00-0        |        | FORMALDEHYDE                               | Y          | Yes                | N            | U                       | U                     | U               | 50                  | 20                      | 50                         |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20201105    | 11/5/2020    | N                 | WG           |                     | 410-19739-3    | ELLE      |      | SW8315B           | 11/10/2020     | NA             | T        | INITIAL    | METHOD       | 410-19389-1 |                   | 1 57-12-5        |        | Cyanide                                    | Y          | Yes                | N            | U                       | U                     | U               | 0.010               | 0.0050                  | 0.010                      |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | E378.2            | 9/29/2021      | NA             | T        | INITIAL    | NONE         | 410-55961-1 |                   | 1 18496-25-8     |        | Sulfide, Reactive                          | Y          | Yes                | Y            | Y                       | Y                     | Y               | 0.30                | 0.10                    | 0.30                       |                 | 0.64         | mg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | ES31.1            | 10/2/2021      | NA             | T        | INITIAL    | METHOD       | 410-55961-1 |                   | 1 116-06-3       |        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes                | N            | U                       | U                     | U*              | 2.0                 | 1.0                     | 2.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | ES31.1            | 10/2/2021      | NA             | T        | INITIAL    | METHOD       | 410-55961-1 |                   | 1 1646-87-3      |        | Aldicarb sulfioxide                        | Y          | Yes                | N            | U                       | U                     | U               | 2.0                 | 1.0                     | 2.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | ES31.1            | 10/2/2021      | NA             | T        | INITIAL    | METHOD       | 410-55961-1 |                   | 1 1646-88-4      |        | Aldicarb sulfone                           | Y          | Yes                | N            | U                       | U                     | U               | 2.0                 | 1.0                     | 2.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SM4500-F-C        | 9/30/2021      | NA             | T        | INITIAL    | METHOD       | 410-55961-1 |                   | 1 16984-48-8     |        | Fluoride                                   | Y          | Yes                | N            | U                       | U                     | U               | 0.097               | 0.029                   | 0.097                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7439-92-1      |        | Lead                                       | Y          | Yes                | N            | U                       | U                     | U               | 0.015               | 0.0071                  | 0.015                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-02-0      |        | Nickel                                     | Y          | Yes                | N            | U                       | U                     | U               | 0.010               | 0.0021                  | 0.010                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-31-5      |        | Tin                                        | N          | Yes                | N            | U                       | U                     | U               | 0.050               | 0.0084                  | 0.050                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-39-3      |        | Barium                                     | N          | Yes                | Y            | Y                       | Y                     | Y               | 0.0050              | 0.0010                  | 0.0050                     |                 | 0.018        | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-41-7      |        | Beryllium                                  | N          | Yes                | N            | U                       | U                     | U               | 0.0050              | 0.0010                  | 0.0050                     |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-43-9      |        | Cadmium                                    | N          | Yes                | N            | U                       | U                     | U               | 0.0050              | 0.0010                  | 0.0050                     |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-50-4      |        | Cobalt                                     | N          | Yes                | N            | U                       | U                     | U               | 0.0015              | 0.0005                  | 0.0015                     |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-50-8      |        | Copper                                     | Y          | Yes                | N            | U                       | U                     | U               | 0.020               | 0.012                   | 0.020                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-66-6      |        | Zinc                                       | N          | Yes                | N            | U                       | U                     | U               | 0.020               | 0.0037                  | 0.020                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-22-4      |        | Silver                                     | N          | Yes                | N            | U                       | U                     | U               | 0.010               | 0.0050                  | 0.010                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6010C           | 9/27/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-47-3      |        | Chromium                                   | N          | Yes                | N            | U                       | U                     | U               | 0.015               | 0.0016                  | 0.015                      |                 |              | mg/l              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6020A           | 9/30/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-28-0      |        | Thallium                                   | N          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.13                    | 0.50                       |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6020A           | 9/30/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-36-0      |        | Antimony                                   | N          | Yes                | N            | U                       | U                     | U               | 1.0                 | 0.41                    | 1.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6020A           | 9/30/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-38-2      |        | Arsenic                                    | N          | Yes                | N            | U                       | U                     | U               | 2.0                 | 0.68                    | 2.0                        |                 |              | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6020A           | 9/30/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7440-62-2      |        | Vanadium                                   | N          | Yes                | Y            | Y                       | Y                     | Y               | 4.0                 | 0.79                    | 4.0                        |                 | 8.1          | µg/L              | TRG |
| MW-08         | MW-8-20210922    | 9/22/2021    | N                 | WG           |                     | 410-56187-1    | ELLE      |      | SW6020A           | 9/30/2021      | NA             | T        | INITIAL    | SW3005       | 410-55961-1 | N                 | 1 7782-49-2      |        | Selenium                                   | N          | Yes                | Y            | J                       | J                     | J               | 1.0                 | 0.28                    | 1.0                        |                 | 0.69         | µg/L              |     |





| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS                                                                        | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|---------------------------------------------------------------------------------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 1330-20-7 | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 50                 | 3.5                    | 50                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 67-64-1   | Acetone                                    | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 250                | 50                     | 250                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 75-05-8   | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 500                | 250                    | 500                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 75-09-2   | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 25                 | 5.0                    | 25                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 75-15-0   | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 50                 | 5.0                    | 50                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 50 78-93-3   | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 250                | 50                     | 250                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 11                 | 4.5                    | 11                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 5.6                | 2.2                    | 5.6                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.56               | 0.12                   | 0.56                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.56               | 0.13                   | 0.56                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.56               | 0.11                   | 0.56                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.56               | 0.11                   | 0.56                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U* <td>1.1</td> <td>0.56</td> <td>1.1</td> <td></td> <td>µg/L</td> <td>TRG</td>       | 1.1                | 0.56                   | 1.1                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U* <td>1.1</td> <td>0.56</td> <td>1.1</td> <td></td> <td>µg/L</td> <td>TRG</td>       | 1.1                | 0.56                   | 1.1                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270DSIM      | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270DSIM      | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8270DSIM      | 10/6/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.26               | 0.10                   | 0.26                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW8315A         | 10/11/2022    | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | U                      | U                    | U                                                                                     | 60                 | 27                     | 60                        | 95             | µg/L        | TRG              |
| MW-08        | MW-8-20220928   | 9/28/2022   | N                | WG          |                    | 410-99806-1   | EuroFins Lan  | SW9012B         | 10/12/2022    | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U* <td>0.010</td> <td>0.0050</td> <td>0.010</td> <td></td> <td>µg/L</td> <td>TRG</td> | 0.010              | 0.0050                 | 0.010                     |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | E376.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           | J                      | J                    | J                                                                                     | 0.30               | 0.10                   | 0.30                      | 0.16           | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | E531.1          | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 5 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | Ucn                                                                                   | 10                 | 6.0                    | 10                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SM4500-F-C      | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.090              | 0.027                  | 0.090                     |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U                                                                                     | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                                                                                       | 0.0050             | 0.0010                 | 0.0050                    | 0.014          | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U                                                                                     | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U                                                                                     | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U                                                                                     | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U                                                                                     | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                                                                                       | 0.0040             | 0.00079                | 0.0040                    | 0.01           | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J                                                                                     | 0.0010             | 0.00028                | 0.0010                    | 0.00081        | mg/l        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 108-88-3   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 1.0                | 0.070                  | 1.0                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | Jcn                                                                                   | 1.0                | 0.10                   | 1.0                       | 0.11           | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 11                 | 4.4                    | 11                        |                | µg/L        | TRG              |
| MW-08        | MW-8-20230328   | 3/28/2023   | N                | WG          |                    | 410-120581-2  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U                                                                                     | 2.2                | 0.55                   | 2.2                       |                | µg/L</      |                  |

Attachment 1. 2017 to 2023 Groundwater Data  
Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 1 008-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | UB                     | UB                   | J              | 5.0                | 5.0                    | 5.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.0                    | 20                        |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | JB             | 1.0                | 1.0                    | 1.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270          | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270          | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 94-75-7    | 2,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 106-46-7   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.0                    | 10                        |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 2.0                    | 5.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.11                   | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.12                   | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | Y           | J                      | J                    | J              | 0.50               | 0.10                   | 0.50                      | 0.11           |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270D         | 4/1/2021      | NA            | T        | INITIAL   | SW3510C     | 410-33431-1 | Y                |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW8315A         | 3/27/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | U              | 60                 | 27                     | 60                        |                |             | µg/L             | TRG |
| MW-08        | DUP-02-20210324 | 3/24/2021   | FD               | WG          | MW-08-20210324     | 410-33587-13  | ELLE          | SW9012B         | 3/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | E376.2          | 3/30/2021     | NA            | T        | INITIAL   | NONE        | 410-33431-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           | J                      | J                    | J              | 0.30               | 0.10                   | 0.30                      | 0.29           |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | E531.1          | 4/6/2021      | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SM4500-F-C      | 3/31/2021     | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.095              | 0.029                  | 0.095                     |                |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6010C         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-02-0  | Nickel                                     | Y          | Yes               | Y           | J                      | J                    | J              | 0.010              | 0.0021                 | 0.010                     | 0.0032         |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6010C         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-39-3  | Barium                                     | Y          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.018          |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6010C         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-66-6  | Zinc                                       | Y          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6010C         | 3/31/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-47-3  | Chromium                                   | Y          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     | 0.0041         |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6020A         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-36-0  | Antimony                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6020A         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-38-2  | Arsenic                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6020A         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7440-36-0  | Vanadium                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.0001             | 0.000079               | 0.0001                    | 0.0076         |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW6020A         | 3/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-33431-1 | N                |                 | 1 7782-49-2  | Selenium                                   | Y          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.00075        |             | mg/l             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5.0                | 0.90                   | 5.0                       | 2.5            |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.0                    | 20                        |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/24/2021   | N                | WG          |                    | 410-33587-2   | ELLE          | SW8260C         | 4/1/2021      | NA            | T        | INITIAL   | SW5030      | 410-33431-1 | Y                |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | JB             | 1.0                | 1.0                    | 1.0                       |                |             | µg/L             | TRG |
| MW-08        | MW-08-20210324  | 3/2         |                  |             |                    |               |               |                 |               |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 19719-28-9 | 2,4-Dichlorophenylacetic acid              |            | Y                 |             |                        | =                    | =              |                    | 0.023                  | 0.0094                    | 0.023          | 0.0094      | µg/L             | TRG |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Y                 | N           | U                      | U                    | U              | 0.023              | 0.0094                 | 0.023                     | 0.0094         | µg/L        | TRG              |     |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Y                 | N           | U                      | U                    | U              | 0.023              | 0.0094                 | 0.023                     | 0.0094         | µg/L        | TRG              |     |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Y                 | N           | U                      | U                    | U              | 0.23               | 0.047                  | 0.23                      | 0.047          | µg/L        | TRG              |     |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8315A         | 3/31/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 123-72-8   | N-BUTYRALDEHYDE                            |            | Y                 | Y           |                        | =                    | =              |                    |                        |                           | 100            | %           | TRG              |     |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW8315A         | 3/31/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Y                 | N           | U                      | U                    | J              | 50                 | 10                     | 50                        | 50             | µg/L        | TRG              |     |
| MW-17        | MW-17_170328        | 3/28/2017 N | WG               |             |                    | 8907960       | Lan           | SW9012A         | 4/10/2017 NA  | T             | INITIAL  | INITIAL   | METHOD      | DWE04   | 0                |                 | 1 57-12-5    | Cyanide                                    |            | Y                 | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.01                      | 0.005          | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | E340.2          | 10/4/2017 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE09   |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.028                     |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | E376.2          | 9/29/2017 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE09   |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | J              | 0.1                | 0.03                   | 0.1                       | 0.000000000    | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | E531.1          | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE09   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      |                           |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.004                  |                           |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-39-3  | Barium                                     |            | Yes               | Y           |                        | U                    | U              | 0.005              | 0.00085                | 0.00085                   | 0.0278         | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-47-3  | Chromium                                   |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0033                 | 0.0033                    |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-66-6  | Zinc                                       |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.0065                 | 0.0065                    |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-36-0  | Antimony                                   |            | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00045                | 0.00045                   |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-38-2  | Arsenic                                    |            | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.00072                | 0.00072                   | 0.0013         | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7440-62-2  | Vanadium                                   |            | Yes               | Y           |                        |                      | U              | 0.0005             | 0.00021                | 0.00021                   | 0.0034         | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | INITIAL   | SW3010A     | DWE09   | N                |                 | 1 7782-49-2  | Selenium                                   |            | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.0005                 | 0.0005                    | 0.0015         | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 108-88-3   | Toluene                                    |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 1330-20-7  | Xylenes, Total                             |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 67-64-1    | Acetone                                    |            | Yes               | N           | U                      | U                    | U              | 3                  | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 75-05-8    | Acetonitrile                               |            | Yes               | N           | U                      | U                    | U              | 20                 | 7                      | 7                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 75-09-2    | Methylene chloride                         |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.2                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 75-15-0    | Carbon Disulfide                           |            | Yes               | Y           | J                      | J                    | J              | 1                  | 0.4                    | 0.4                       | 0.5            | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | INITIAL   | SW5030B     | DWE09   | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           |            | Yes               | N           | U                      | U                    | U              | 5                  | 1                      | 1                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 106-47-8   | 4-Chloroaniline                            |            | Yes               | N           | U                      | U                    | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 108-95-2   | Phenol                                     |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 110-86-1   | Pyridine                                   |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 132-64-9   | Dibenzofuran                               |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 85-01-8    | Phenanthrene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 86-73-7    | Fluorene                                   |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 91-20-3    | Naphthalene                                |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 91-57-6    | 2-Methylnaphthalene                        |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 95-57-8    | 2-Chlorophenol                             |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL  | INITIAL   | SW3510C     | DWE09   | Y                |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW8151A     | DWE09   | Y                |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW8151A     | DWE09   | Y                |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | INITIAL   | SW8151A     | DWE09   | Y                |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.047                  | 0.047                     |                | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW8315A         | 9/29/2017 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE09   |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 50                 | 10                     | 10                        | 35             | µg/L        | TRG              |     |
| MW-17        | MW-17-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231271       | ELLE          | SW9012A         | 10/6/2017 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE09   |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515746       | ELLE          | E340.2          | 3/28/2018 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE14   |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.090              | 0.027                  | 0.027                     |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515746       | ELLE          | E376.2          | 3/28/2018 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE14   |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.10               | 0.030                  | 0.030                     |                | mg/L        | TRG              |     |
| MW-17        | MW-17-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515746       | ELLE          | E531.1          | 3/29/2018 NA  | N             | INITIAL  | INITIAL   | METHOD      | DWE14   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|------------|-----------|-------------|--------------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-17        | MW-17-20182509  | 9/25/2018 N | WG               |             |                    | 9822046       | EuroFins Lan  | SW8315A         | 9/28/2018 NA  | N             | INITIAL    | METHOD    | DWF01       | 1 50-00-0    |                  |                 | FORMALDEHYDE                               |               | Yes        | Yes               | N           | J                      | J                    | J              | 50                 | 20                     | 20                        | 36             | µg/L        | TRG              |     |
| MW-17        | MW-17-20182509  | 9/25/2018 N | WG               |             |                    | 9822046       | EuroFins Lan  | SW9012A         | 10/2/2018 NA  | N             | INITIAL    | METHOD    | DWF01       | 1 57-12-5    |                  |                 | Cyanide                                    |               | Yes        | N                 | U           | U                      | U                    | 0.01           | 0.005              | 0.005                  | 0.005                     |                | mg/l        | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | FIELD_PH                                   | N             | Y          | Y                 |             |                        |                      |                |                    |                        |                           | 5.7            | s.u.        | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | FIELD_DO                                   |               | Y          | Y                 |             |                        |                      |                |                    |                        |                           | 1.71           | mg/l        | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | FIELD_EH                                   |               | Y          | Y                 |             |                        |                      |                |                    |                        |                           | 0.346          | ms/cm       | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | FIELD_TEMP                                 |               | Y          | Y                 |             |                        |                      |                |                    |                        |                           | 22.18          | deg c       | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | FIELD_TURB                                 |               | Y          | Y                 |             |                        |                      |                |                    |                        |                           | 1.19           | ntu         | TRG              |     |
| MW-17        | MW-17           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL    |           |             |              |                  |                 | ORP                                        |               | Y          | Y                 |             |                        |                      |                |                    |                        |                           | -231.6         | mV          | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | E340.2          | 3/27/2019 NA  | N             | INITIAL    | E300      | DWF04       | 1 16984-48-8 |                  |                 | Fluoride                                   |               | Yes        | N                 | U           | U                      | U                    | 0.09           | 0.027              | 0.027                  | 0.027                     |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | E376.2          | 3/23/2019 NA  | N             | INITIAL    |           | DWF04       | 1 18496-25-8 |                  |                 | Sulfide, Reactive                          |               | Yes        | N                 | U           | U                      | U                    | 0.3            | 0.1                | 0.1                    | 0.1                       |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | E531.1          | 3/23/2019 NA  | N             | INITIAL    |           | DWF04       | 1 116-06-3   |                  |                 | Aldicarb (sulfide, sulfoxide, and sulfone) |               | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL    | SW3010A   | DWF04       | 1 7440-02-0  |                  |                 | Nickel                                     | N             | Yes        | N                 | U           | U                      | U                    | 2              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL    | SW3010A   | DWF04       | 1 7440-39-3  |                  |                 | Barium                                     | N             | Yes        | Y                 |             |                        |                      | 0.005          | 0.001              | 0.001                  | 0.001                     | 0.0226         | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL    | SW3010A   | DWF04       | 1 7440-47-3  |                  |                 | Chromium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.015          | 0.0053             | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6010B         | 4/1/2019 NA   | T             | INITIAL    | SW3010A   | DWF04       | 1 7440-66-6  |                  |                 | Zinc                                       | N             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.003              | 0.003                  | 0.003                     |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL    | SW3020A   | DWF04       | 1 7440-36-0  |                  |                 | Antimony                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00041            | 0.00041                | 0.00041                   |                | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL    | SW3020A   | DWF04       | 1 7440-38-2  |                  |                 | Arsenic                                    | N             | Yes        | Y                 | J           | J                      | J                    | 0.002          | 0.00068            | 0.00068                | 0.00068                   | 0.00088        | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6020          | 4/15/2019 NA  | T             | INITIAL    | SW3020A   | DWF04       | 1 7782-49-2  |                  |                 | Selenium                                   | N             | Yes        | Y                 | J           | J                      | J                    | 0.002          | 0.00065            | 0.00065                | 0.00065                   | 0.0019         | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW6020          | 4/16/2019 NA  | T             | INITIAL    | SW3020A   | DWF04       | 1 7440-62-2  |                  |                 | Vanadium                                   | N             | Yes        | Y                 |             |                        |                      | 0.001          | 0.00024            | 0.00024                | 0.00024                   | 0.0048         | mg/l        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 100-41-4   |                  |                 | Ethylbenzene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.05               | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 108-88-3   |                  |                 | Toluene                                    | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.05               | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 126-98-7   |                  |                 | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.3                | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 1330-20-7  |                  |                 | Xylenes, Total                             | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.08               | 0.08                   | 0.08                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 67-64-1    |                  |                 | Acetone                                    | Y             | Yes        | N                 | UB          | J                      | J                    | 5              | 0.5                | 0.1                    | 0.1                       | 0.1            | 0.2         | µg/L             | TRG |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 75-05-8    |                  |                 | Acetonitrile                               | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 3.9                | 3.9                    | 3.9                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 75-09-2    |                  |                 | Methylene chloride                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.06               | 0.06                   | 0.06                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 75-15-0    |                  |                 | Carbon Disulfide                           | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.09               | 0.09                   | 0.09                      |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8260B         | 3/25/2019 NA  | N             | INITIAL    | SW5030B   | DWF04       | 1 78-93-3    |                  |                 | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.7                | 0.7                    | 0.7                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 106-46-7   |                  |                 | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 106-47-8   |                  |                 | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 108-95-2   |                  |                 | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 110-86-1   |                  |                 | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 132-64-9   |                  |                 | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 85-01-8    |                  |                 | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 86-73-7    |                  |                 | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 91-20-3    |                  |                 | Naphthalene                                | Y             | Yes        | Y                 | J           | J                      | J                    | 0.5            | 0.1                | 0.1                    | 0.1                       | 0.2            | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 91-57-6    |                  |                 | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/26/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       | 1 95-57-8    |                  |                 | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 106-46-7   |                  |                 | 1,4-Dichlorobenzene                        | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 106-47-8   |                  |                 | 4-Chloroaniline                            | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 108-95-2   |                  |                 | Phenol                                     | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 110-86-1   |                  |                 | Pyridine                                   | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 132-64-9   |                  |                 | Dibenzofuran                               | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 85-01-8    |                  |                 | Phenanthrene                               | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 86-73-7    |                  |                 | Fluorene                                   | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 91-20-3    |                  |                 | Naphthalene                                | Y             | No         | Y                 | J           | J                      | J                    | 0.5            | 0.1                | 0.1                    | 0.1                       | 0.2            | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 91-57-6    |                  |                 | 2-Methylnaphthalene                        | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       | 1 95-57-8    |                  |                 | 2-Chlorophenol                             | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-17        | MW-17-20190319  | 3/19/2019 N | WG               |             |                    | 1013283       | EuroFins Lan  | SW8270C         | 3/30/2        |               |            |           |             |              |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 2.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW8315A         | 11/6/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | U              | 50                 | 20                     | 50                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-8   | ELLE          | SW9012B         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | E376.2          | 9/24/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | E531.1          | 9/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SM4500-F-C      | 9/28/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.095              | 0.029                  | 0.095                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | Y           | J                      | J                    | J              | 0.010              | 0.0021                 | 0.010                     | 0.0025         | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.023          | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6010C         | 9/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.015                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           | J                      | J                    | J              | 0.0020             | 0.00068                | 0.0020                    | 0.0019         | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.00079            | 0.000079               | 0.00079                   |                | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.0043         | mg/l        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5.0                | 0.90                   | 5.0                       | 1.7            | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.060                  | 1.0                       | 0.085          | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.54                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.54                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.1                    | 5.4                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.54                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.13                   | 0.54                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270          | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.54                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-5   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20210921  | 9/21/2021   | N                |             |                    |               |               |                 |               |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS     | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U                  | 2.3                | 0.58                   | 2.3                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | UJ                     | UJ                   | U <sup>+</sup> -cn | 1.2                | 0.58                   | 1.2                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | UJ                     | UJ                   | U <sup>+</sup> -cn | 1.2                | 0.58                   | 1.2                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U                  | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U                  | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U                  | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW8315A         | 9/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           |                        |                      | U                  | 60                 | 27                     | 60                        | 73             | µg/L        | TRG              |
| MW-17        | MW-17-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-5   | EuroFins Lan  | SW9012B         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U                  | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | E376.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U                  | 0.30               | 0.10                   | 0.30                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | E531.1          | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | Ucn                | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW4500-F-C      | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U                  | 0.090              | 0.0027                 | 0.090                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | Y           | J                      | J                    | J                  | 0.010              | 0.0021                 | 0.010                     | 0.0036         | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      | U                  | 0.0050             | 0.0010                 | 0.0050                    | 0.022          | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U                  | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U                  | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J                  | 0.0040             | 0.00079                | 0.0040                    | 0.0027         | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW6020A         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      | U                  | 0.0010             | 0.00028                | 0.0010                    | 0.003          | mg/l        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U                  | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U                  | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U                  | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U                  | 0.10               | 0.0370                 | 0.10                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J                  | 5.0                | 1.0                    | 5.0                       | 2.1            | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U                  | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U                  | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | Jcn                | 1.0                | 0.10                   | 1.0                       | 0.31           | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U                  | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U                  | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U                  | 10                 | 4.1                    | 10                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U                  | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U                  | 5.2                | 2.1                    | 5.2                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U                  | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U                  | 0.52               | 0.11                   | 0.52                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U                  | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U                  | 0.50               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U                  | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/4/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U                  | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U                  | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U                  | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270DSIM      | 4/3/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U                  | 0.024              | 0.0097                 | 0.024                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270DSIM      | 4/3/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U                  | 0.024              | 0.0097                 | 0.024                     |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8270DSIM      | 4/3/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U                  | 0.24               | 0.097                  | 0.24                      |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW8315A         | 3/31/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | N           | U                      | U                    | U                  | 60                 | 27                     | 60                        |                | µg/L        | TRG              |
| MW-17        | MW-17-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-3  | EuroFins Lan  | SW9012B         | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            |                   |             |                        |                      |                    |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RSN                               | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|-------------|------------------|-----------------|---------------------------------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1                | 85-01-8         | Phenanthrene                          | Y                                          | Yes        | N                 | U           | U                      | U                    | U              | 0.55               | 0.12                   | 0.55                      |                | µg/L         | TRG              |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1                | 86-73-7         | Fluorene                              | Y                                          | Yes        | N                 | U           | U                      | U                    | U              | 0.55               | 0.13                   | 0.55                      |                | µg/L         | TRG              |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1                | 91-20-3         | Naphthalene                           | Y                                          | Yes        | N                 | U           | U                      | U                    | U              | 0.55               | 0.11                   | 0.55                      |                | µg/L         | TRG              |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1                | 91-57-6         | 2-Methylnaphthalene                   | Y                                          | Yes        | N                 | U           | U                      | U                    | U              | 0.55               | 0.11                   | 0.55                      |                | µg/L         | TRG              |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 95-57-8         | 2-Chlorophenol                        | Y                                          | Yes        | N                 | U           | U                      | U                    | U              | 2.2                | 0.55                   | 2.2                       |                | µg/L         | TRG              |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 106-46-7        | 1,4-Dichlorobenzene                   | Y                                          | No         | N                 |             | UH                     | UH                   | 2.3            | 0.57               | 2.3                    |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 106-47-8        | 4-Chloroaniline                       | Y                                          | No         | N                 |             | UH                     | UH                   | 11             | 4.5                | 11                     |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 108-95-2        | Phenol                                | Y                                          | No         | N                 |             | UH                     | UH                   | 2.3            | 0.57               | 2.3                    |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 110-86-1        | Pyridine                              | Y                                          | No         | N                 |             | UH                     | UH                   | 5.7            | 2.3                | 5.7                    |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 132-64-9        | Dibenzofuran                          | Y                                          | No         | N                 |             | UH                     | UH                   | 2.3            | 0.57               | 2.3                    |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 85-01-8         | Phenanthrene                          | Y                                          | No         | N                 |             | UH                     | UH                   | 0.57           | 0.12               | 0.57                   |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 86-73-7         | Fluorene                              | Y                                          | No         | N                 |             | UH                     | UH                   | 0.57           | 0.14               | 0.57                   |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 91-20-3         | Naphthalene                           | Y                                          | No         | N                 |             | UH                     | UH                   | 0.57           | 0.11               | 0.57                   |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1                | 91-57-6         | 2-Methylnaphthalene                   | Y                                          | No         | N                 |             | UH                     | UH                   | 0.57           | 0.11               | 0.57                   |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1                | 93-72-1         | Silvex (2,4,5-TP)                     | Y                                          | Yes        | N                 | U           | U                      | U                    | 0.026          | 0.010              | 0.026                  |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1                | 93-76-5         | 2,4,5-T (Trichlorophenoxyacetic acid) | Y                                          | Yes        | N                 | U           | U                      | U                    | 0.026          | 0.010              | 0.026                  |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1                | 94-75-7         | 2,4-D (Dichlorophenoxyacetic acid)    | Y                                          | Yes        | N                 | U           | U                      | U                    | 0.26           | 0.10               | 0.26                   |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW8315A         | 3/27/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1                | 50-00-0         | FORMALDEHYDE                          | Y                                          | Yes        | N                 | U           | U                      | U                    | 60             | 27                 | 60                     |                           | µg/L           | TRG          |                  |
| MW-17        | MW-17-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-2   | ELLE          | SW90128         | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1                | 57-12-5         | Cyanide                               | Y                                          | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0050             | 0.010                  |                           | mg/l           | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | E340.2          | 4/4/2017      | NA            | T        | INITIAL    | METHOD      | DWE04       | 0                | 1               | 16984-48-8                            | Fluoride                                   | Y          | Y                 | Y           | =                      | =                    | 0.093          | 0.028              | 0.093                  |                           | 0.21 mg/l      | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | E376.2          | 4/3/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                | 1               | 18496-25-8                            | Sulfide, Reactive                          | Y          | N                 | U           | U                      | J                    | 0.1            | 0.03               | 0.1                    |                           | 0.1 mg/l       | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | ES31.1          | 4/1/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                | 1               | 116-06-3                              | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | N                 | U           | U                      | U                    | 2              | 1                  | 2                      |                           | 0.3 µg/L       | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | ES31.1          | 4/1/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                | 1               | 672-39-1                              | 4-BROMO-3,5-DIMETHYLPHENYL                 | Y          | Y                 | Y           | =                      | =                    | 2              | 1                  | 2                      |                           | 99 %           | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW5010B         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-02-0                             | Nickel                                     | N          | Y                 | N           | U                      | U                    | U              | 0.01               | 0.0028                 | 0.01                      |                | 0.0028 mg/l  | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-39-3                             | Barium                                     | N          | Y                 | Y           | =                      | =                    | 0.005          | 0.0011             | 0.005                  |                           | 0.038 mg/l     | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-47-3                             | Chromium                                   | N          | Y                 | N           | U                      | U                    | U              | 0.015              | 0.0018                 | 0.015                     |                | 0.0018 mg/l  | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-66-6                             | Zinc                                       | N          | Y                 | N           | U                      | U                    | U              | 0.02               | 0.0054                 | 0.02                      |                | 0.0054 mg/l  | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-36-0                             | Antimony                                   | N          | Y                 | N           | U                      | U                    | U              | 0.001              | 0.00048                | 0.001                     |                | 0.00048 mg/l | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-38-2                             | Arsenic                                    | N          | Y                 | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.002                     |                | 0.00068 mg/l | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7440-62-2                             | Vanadium                                   | N          | Y                 | J           | J                      | J                    | 0.0005         | 0.00032            | 0.0005                 |                           | 0.00032 mg/l   | TRG          |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                | 1               | 7782-49-2                             | Selenium                                   | Y          | Y                 | N           | U                      | U                    | U              | 0.002              | 0.00044                | 0.002                     |                | 0.00044 mg/l | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 100-41-4                              | Ethylbenzene                               | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 108-88-3                              | Toluene                                    | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 126-07-7                              | Methylacrylonitrile                        | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 1330-20-7                             | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 17060-07-0                            | 1,2-Dichloroethane-d4                      | Y          | Y                 | Y           | Y                      | Y                    | Y              | 0.5                | 0.1                    | 0.5                       |                | 106 %        | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 1868-53-7                             | DIBROMOFLUOROMETHANE                       | Y          | Y                 | Y           | =                      | =                    | =              | 108 %              | TRG                    |                           |                |              |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 2037-26-5                             | TOLUENE-D8                                 | Y          | Y                 | Y           | =                      | =                    | =              | 100 %              | TRG                    |                           |                |              |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 460-00-4                              | 4-Bromofluorobenzene                       | Y          | Y                 | Y           | =                      | =                    | =              | 94 %               | TRG                    |                           |                |              |                  |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 67-64-1                               | Acetone                                    | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 3                      | 5                         |                | 3 µg/L       | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 75-05-8                               | Acetonitrile                               | Y          | Y                 | N           | U                      | U                    | U              | 20                 | 7                      | 20                        |                | 7 µg/L       | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 75-09-2                               | Methylene chloride                         | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.5                       |                | 0.2 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 75-15-0                               | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    | J              | 1                  | 0.4                    | 1                         |                | 0.8 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 78-93-3                               | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 1                      | 5                         |                | 1 µg/L       | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                | 1               | 106-46-7                              | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04       | 0                | 1               | 106-46-7                              | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04       | 0                | 1               | 106-47-8                              | 4-Chloroaniline                            | Y          | Y                 | N           | U                      | U                    | U              | 4                  | 2                      | 4                         |                | 2 µg/L       | TRG              |
| MW-18        | MW-18_170328    | 3/28/2017   | N                | WG          |                    | 8907961       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04       | 0                |                 |                                       |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-18        | MW-18-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231272       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       |         |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231272       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       |         |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231272       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       |         |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.0047                 | 0.0047                    |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231272       | ELLE          | SW8315A         | 9/29/2017 NA  | N             | INITIAL  | METHOD    | DWE09       |         |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 50                 | 10                     | 10                        |                | 30 µg/L     | TRG              |
| MW-18        | MW-18-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231272       | ELLE          | SW9012A         | 10/6/2017 NA  | N             | INITIAL  | METHOD    | DWE09       |         |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | E340.2          | 3/28/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Y                 | Y           |                        |                      | 0.088          | 0.027              | 0.027                  |                           | 0.19 mg/l      | TRG         |                  |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | E376.2          | 3/26/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      |                      | U              | 0.10               | 0.030                  | 0.030                     |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | E531.1          | 3/30/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      |                      | U              | 2.0                | 0.54                   | 0.54                      |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      |                      | U              | 0.0100             | 0.0040                 | 0.0040                    |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-39-3  | Barium                                     | N          | Y                 | Y           |                        |                      | 0.0050         | 0.00085            | 0.00085                |                           | 0.0411 mg/l    | TRG         |                  |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      |                      | U              | 0.0150             | 0.0033                 | 0.0033                    |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      |                      | U              | 0.0200             | 0.0065                 | 0.0065                    |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      |                      | U              | 0.0010             | 0.00045                | 0.00045                   |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      |                      | U              | 0.0020             | 0.00072                | 0.00072                   |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Y                 | Y           | J                      | J                    | 0.00050        | 0.00021            | 0.00021                |                           | 0.00039 mg/l   | TRG         |                  |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       |         |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      |                      | U              | 0.0020             | 0.00050                | 0.00050                   |                | mg/l        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      |                      | U              | 5.0                | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      |                      | U              | 5.0                | 3.0                    | 3.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      |                      | U              | 2.0                | 7.0                    | 7.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.2                    | 0.2                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    | 1.0            | 0.4                | 0.4                    |                           | 0.7 µg/L       | TRG         |                  |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      |                      | U              | 5.0                | 1.0                    | 1.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      |                      | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      |                      | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/27/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      |                      | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      |                      | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      |                      | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      |                      | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW8315A         | 3/25/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Y                 | Y           |                        |                      | 50             | 10                 | 10                     |                           | 67 µg/L        | TRG         |                  |
| MW-18        | MW-18-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515747       | ELLE          | SW9012A         | 3/29/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      |                      | U              | 0.010              | 0.0050                 | 0.0050                    |                | mg/l        | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | E340.2          | 9/28/2018 NA  | N             | INITIAL  | DWF01     |             |         |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | Y           |                        |                      |                | 0.09               | 0.027                  | 0.027                     |                | 0.22 mg/l   | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | E376.2          | 10/1/2018 NA  | N             | INITIAL  | DWF01     |             |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      |                      | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | E531.1          | 10/2/2018 NA  | N             | INITIAL  | DWF01     |             |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      |                      | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      |                      | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-39-3  | Chromium                                   | N          | Yes               | N           | U                      |                      | U              | 0.005              | 0.001                  | 0.001                     |                | 0.0343 mg/l | TRG              |
| MW-18        | MW-18_20182509      | 9/25/2018 N | WG               |             |                    | 9822045       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW8270C         | 3/31/2019     | NA            | N        | INITIAL   | SW3510C     | DWF05       |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF05       |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.03               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF05       |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.03               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF05       |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW8315A         | 3/22/2019     | NA            | N        | INITIAL   | METHOD      | DWF05       |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           |                        | U                    | U              | 50                 | 20                     | 20                        | 56             | µg/L        | TRG              |
| MW-18        | MW-18-20190320  | 3/20/2019   | N                | WG          |                    | 1014420       | EuroFins Lan  | SW9012A         | 3/29/2019     | NA            | N        | INITIAL   | METHOD      | DWF05       |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | E340.2          | 9/18/2019     | NA            | N        | INITIAL   |             | DWF09       |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | Y           |                        | U                    | U              | 0.093              | 0.028                  | 0.028                     | 0.21           | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | E376.2          | 9/13/2019     | NA            | N        | INITIAL   |             | DWF09       |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | E531.1          | 9/18/2019     | NA            | N        | INITIAL   |             | DWF09       |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09       | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09       | N                |                 | 1 7440-39-3  | Barium                                     |            | Yes               | N           | U                      | U                    | U              | 0.005              | 0.001                  | 0.001                     | 0.0377         | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09       | N                |                 | 1 7440-47-3  | Chromium                                   |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6010B         | 9/17/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09       | N                |                 | 1 7440-66-6  | Zinc                                       |            | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.0037                 | 0.0037                    | 0.0046         | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09       | N                |                 | 1 7440-38-2  | Arsenic                                    |            | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09       | N                |                 | 1 7440-62-2  | Vanadium                                   |            | Yes               | N           | U                      | U                    | U              | 0.0005             | 0.00024                | 0.00024                   |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09       | N                |                 | 1 7782-49-2  | Selenium                                   |            | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00028                | 0.00028                   |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09       | N                |                 | 1 7440-36-0  | Antimony                                   |            | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 108-88-3   | Toluene                                    |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 1330-20-7  | Xylenes, Total                             |            | Yes               | N           | U                      | U                    | U              | 1                  | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 67-64-1    | Acetone                                    |            | Yes               | N           | U                      | U                    | U              | 5                  | 1.1                    | 1.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 75-05-8    | Acetonitrile                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 75-09-2    | Methylene chloride                         |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 75-15-0    | Carbon Disulfide                           |            | Yes               | N           | UB                     | UB                   | J              | 1                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09       | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 106-47-8   | 4-Chloroaniline                            |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 108-95-2   | Phenol                                     |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 110-86-1   | Pyridine                                   |            | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 132-64-9   | Dibenzofuran                               |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 85-01-8    | Phenanthrene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 86-73-7    | Fluorene                                   |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 91-20-3    | Naphthalene                                |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 91-57-6    | 2-Methylnaphthalene                        |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/17/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 95-57-8    | 2-Chlorophenol                             |            | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/18/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | UB                     | UB                   | J              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C         | 9/18/2019     | NA            | N        | INITIAL   | SW3510C     | DWF09       | Y                |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | UB                     | UB                   | J              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C SIM     | 9/17/2019     | NA            | N        | INITIAL   | SW8151A     | DWF09       |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C SIM     | 9/17/2019     | NA            | N        | INITIAL   | SW8151A     | DWF09       |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8270C SIM     | 9/17/2019     | NA            | N        | INITIAL   | SW8151A     | DWF09       |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW8315A         | 9/16/2019     | NA            | N        | INITIAL   | METHOD      | DWF09       |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 20                        | 32             | µg/L        | TRG              |
| MW-18        | MW-18-091119    | 9/11/2019   | N                | WG          |                    | 1148356       | EuroFins Lan  | SW9012A         | 9/18/2019     | NA            | N        | INITIAL   | METHOD      | DWF09       |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.01                   | 0.01                      |                | mg/l        | TRG              |
| MW-18        | MW-18-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-9   | ELLE          | E376.2          | 11/9/2020     | NA            | T        | INITIAL   | NONE        | 410-19389-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-18        | MW-18-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-9   | ELLE          | E531.1          | 11/6/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-9   | ELLE          | SM4500-F-C      | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.097              | 0.029                  | 0.097                     | 0.2            | mg/l        | TRG              |
| MW-18        | MW-18-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-9   | ELLE          | SW6010C         | 11/5/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-18        | MW-18-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-9   | ELLE          | SW6010C         | 11/           |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-18        | MW-18-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-6   | ELLE          | SW9012B         | 9/24/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 | 1 57-12-5        |                 | Cyanide                                    |               |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | E376.2          | 3/29/2022     | NA            | T        | INITIAL   | NONE        | 410-77155-1 | 1 18496-25-8     |                 | Sulfide, Reactive                          |               |            | Yes               | N           | UJ                     | UJ                   | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | E531.1          | 3/26/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 116-06-3       |                 | Aldicarb (sulfide, sulfoxide, and sulfone) |               |            | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SM4500-F-C      | 4/1/2022      | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 16984-48-8     |                 | Fluoride                                   |               |            | Yes               | Y           |                        |                      |                | 0.092              | 0.028                  | 0.092                     | 0.2            | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6010C         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-02-0     |                 | Nickel                                     | N             |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6010C         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-39-3     |                 | Barium                                     | N             |            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.037          | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6010C         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-47-3     |                 | Chromium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6010C         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-66-6     |                 | Zinc                                       | N             |            | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6020A         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-36-0     |                 | Antimony                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6020A         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-38-2     |                 | Arsenic                                    | N             |            | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6020A         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17440-62-2     |                 | Vanadium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.0007             | 0.00008                | 0.0007                    |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW6020A         | 3/28/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | 1 17782-49-2     |                 | Selenium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 100-41-4       |                 | Ethylbenzene                               | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 108-88-3       |                 | Toluene                                    | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 126-98-7       |                 | Methylacrylonitrile                        | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 67-64-1        |                 | Acetone                                    | Y             |            | Yes               | Y           | J                      | J                    | Jcn            | 5.0                | 0.90                   | 5.0                       | 1.2            | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 75-05-8        |                 | Acetonitrile                               | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 75-09-2        |                 | Methylene chloride                         | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 75-15-0        |                 | Carbon Disulfide                           | Y             |            | Yes               | N           | UB                     | UB                   | J8cn           | 1.0                | 1.0                    | 1.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 78-93-3        |                 | Methyl ethyl ketone (2-Butanone)           | Y             |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8260C         | 3/27/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | 1 XYLENES        |                 | Xylenes, Total                             | Y             |            | Yes               | N           | U                      | U                    | Ucn            | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 106-46-7       |                 | 1,4-Dichlorobenzene                        | Y             |            | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 106-47-8       |                 | 4-Chloroaniline                            | Y             |            | Yes               | N           | U                      | U                    | U              | 4.0                | 0.092                  | 4.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 108-95-2       |                 | Phenol                                     | Y             |            | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 110-86-1       |                 | Pyridine                                   | Y             |            | Yes               | N           | U                      | U                    | U              | 5.1                | 2.0                    | 5.1                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 132-64-9       |                 | Dibenzofuran                               | Y             |            | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 85-01-8        |                 | Phenanthrene                               | Y             |            | Yes               | N           | U                      | U                    | U              | 0.51               | 0.11                   | 0.51                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 86-73-7        |                 | Fluorene                                   | Y             |            | Yes               | N           | U                      | U                    | U              | 0.51               | 0.12                   | 0.51                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 91-20-3        |                 | Naphthalene                                | Y             |            | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 91-57-6        |                 | 2-Methylnaphthalene                        | Y             |            | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 3/30/2022     | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 95-57-8        |                 | 2-Chlorophenol                             | Y             |            | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 4/3/2022      | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 106-44-5       |                 | 4-Methylphenol (P-Cresol)                  | Y             |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270D         | 4/3/2022      | NA            | T        | INITIAL   | SW3510C     | 410-77155-1 | 1 108-39-4       |                 | 3-Methylphenol                             | Y             |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270DSIM      | 3/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 93-72-1        |                 | Silvex (2,4,5-TP)                          | Y             |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270DSIM      | 3/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 93-72-5        |                 | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8270DSIM      | 3/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 94-75-7        |                 | 2,4-D (Dichlorophenoxyacetic acid)         | Y             |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW8315A         | 3/25/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 50-00-0        |                 | FORMALDEHYDE                               | Y             |            | Yes               | Y           | J                      | J                    | J              | 60                 | 27                     | 60                        | 52             | µg/L        | TRG              |
| MW-18        | MW-18-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-3   | ELLE          | SW9012B         | 4/4/2022      | NA            | T        | INITIAL   | METHOD      | 410-77155-1 | 1 57-12-5        |                 | Cyanide                                    | Y             |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | E376.2          | 9/30/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1 | 1 18496-25-8     |                 | Sulfide, Reactive                          |               |            | Yes               | N           | U                      | U                    | UF1            | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | E531.1          | 10/5/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 116-06-3       |                 | Aldicarb (sulfide, sulfoxide, and sulfone) |               |            | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SM4500-F-C      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 16984-48-8     |                 | Fluoride                                   |               |            | Yes               | Y           |                        |                      |                | 0.095              | 0.029                  | 0.095                     | 0.2            | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 17440-02-0     |                 | Nickel                                     | N             |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 17440-39-3     |                 | Barium                                     | N             |            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.04           | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 17440-47-3     |                 | Chromium                                   | N             |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 17440-66-6     |                 | Zinc                                       | N             |            | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-18        | MW-18-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-1   | EuroFins Lan  | SW6             |               |               |          |           |             |             |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN                   | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------------------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |             |                  |                 |              | FIELD_ORP                                  | ORP-Field                    |                   | Yes         |                        |                      |                |                    |                        |                           |                | 49.1 mV     | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |             |                  |                 |              | FIELD_TEMP                                 | Temperature (field)          |                   | Yes         | Y                      |                      |                |                    |                        |                           |                | 22.5 deg c  | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |             |                  |                 |              | FIELD_TURB                                 | Turbidity-Field              |                   | Yes         | Y                      |                      |                |                    |                        |                           |                | 0.41 ntu    | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |             |                  |                 |              | FIELDEC                                    | Specific Conductance (field) |                   | Yes         | Y                      |                      |                |                    |                        |                           |                | 0.44 ms/cm  | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |             |                  |                 |              | WATER LEVEL                                | Water Level                  |                   | Yes         | Y                      |                      |                |                    |                        |                           |                | 21.83 ft    | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SM4500-F-C      | 6/22/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 16984-48-8 | Fluoride                                   |                              | Yes               | Y           |                        |                      |                | 0.093              | 0.028                  | 0.093                     |                | 0.21 mg/l   | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1  |                  |                 | 1 7440-02-0  | Nickel                                     | N                            | Yes               | N           | U                      |                      | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1  |                  |                 | 1 7440-39-3  | Barium                                     | N                            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.039 mg/l  | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1  |                  |                 | 1 7440-47-3  | Chromium                                   | N                            | Yes               | N           | U                      |                      | U              | 0.015              | 0.0016                 | 0.015                     |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1  |                  |                 | 1 7440-66-6  | Zinc                                       | N                            | Yes               | N           | U                      |                      | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1  |                  |                 | 1 7440-36-0  | Antimony                                   | N                            | Yes               | N           | U                      |                      | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1  |                  |                 | 1 7440-38-2  | Arsenic                                    | N                            | Yes               | N           | U                      |                      | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1  |                  |                 | 1 7782-49-2  | Selenium                                   | N                            | Yes               | N           | U                      |                      | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW6020A         | 6/20/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1  |                  |                 | 1 7440-62-2  | Vanadium                                   | N                            | Yes               | N           | U                      |                      | U              | 0.00050            | 0.00024                | 0.00050                   |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y                            | Yes               | N           | U                      |                      | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 108-88-3   | Toluene                                    | Y                            | Yes               | Y           | J                      |                      | J              | 0.50               | 0.070                  | 0.50                      |                | 0.18 µg/L   | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y                            | Yes               | N           | U                      |                      | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 67-64-1    | Acetone                                    | Y                            | Yes               | Y           | J                      |                      | J              | 5.0                | 0.90                   | 5.0                       |                | 1.5 µg/L    | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 75-05-8    | Acetonitrile                               | Y                            | Yes               | N           | U                      |                      | U              | 20                 | 3.0                    | 20                        |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 75-09-2    | Methylene chloride                         | Y                            | Yes               | N           | U                      |                      | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y                            | Yes               | N           | U                      |                      | U              | 1.0                | 0.060                  | 1.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8260C         | 6/24/2020     | NA            | T        | INITIAL   | SW5030      | 410-3883-1  |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y                            | Yes               | N           | U                      |                      | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/16/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 95-57-8    | Xylenes, Total                             | Y                            | Yes               | N           | U                      |                      | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/16/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y                            | Yes               | N           | U                      |                      | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/16/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y                            | Yes               | N           | UJ                     |                      | UJ             | UF1*               | 1.0                    | 0.51                      | 1.0            |             | µg/L             | TRG |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y                            | Yes               | N           | U                      |                      | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y                            | Yes               | N           | U                      |                      | U              | 10                 | 4.0                    | 10                        |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 108-95-2   | Phenol                                     | Y                            | Yes               | N           | U                      |                      | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 110-86-1   | Pyridine                                   | Y                            | Yes               | N           | U                      |                      | U              | 5.1                | 2.0                    | 5.1                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y                            | Yes               | N           | U                      |                      | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 85-01-8    | Phenanthrene                               | Y                            | Yes               | N           | U                      |                      | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 86-73-7    | Fluorene                                   | Y                            | Yes               | N           | U                      |                      | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 91-20-3    | Naphthalene                                | Y                            | Yes               | N           | U                      |                      | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y                            | Yes               | N           | U                      |                      | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270D         | 6/20/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y                            | Yes               | N           | U                      |                      | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270DSIM      | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y                            | Yes               | N           | U                      |                      | U              | UF1                | 0.024                  | 0.0095                    | 0.024          |             | µg/L             | TRG |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270DSIM      | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y                            | Yes               | N           | R                      |                      | R              | UF1                | 0.024                  | 0.0095                    | 0.024          |             | µg/L             | TRG |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8270DSIM      | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y                            | Yes               | N           | U                      |                      | U              | UF1                | 0.24                   | 0.095                     | 0.24           |             | µg/L             | TRG |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW8315A         | 6/17/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y                            | Yes               | N           | UJ                     |                      | UJ             | UH                 | 50                     | 20                        |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-5    | ELLE          | SW9012B         | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 57-12-5    | Cyanide                                    | Y                            | Yes               | N           | U                      |                      | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | E376.2          | 3/30/2021     | NA            | T        | INITIAL   | NONE        | 410-33431-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y                            | Yes               | N           | U                      |                      | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | E531.1          | 4/3/2021      | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y                            | Yes               | N           | U                      |                      | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | SM4500-F-C      | 4/2/2021      | NA            | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y                            | Yes               | Y           |                        |                      |                | 0.095              | 0.029                  | 0.095                     |                | 0.2 mg/l    | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N                            | Yes               | N           | U                      |                      | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-39-3  | Barium                                     | N                            | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.036 mg/l  | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N                            | Yes               | Y           | J                      |                      | J              | 0.015              | 0.0016                 | 0.015                     |                | 0.002 mg/l  | TRG              |     |
| MW-18        | MW-18-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-3   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N                            | Yes               | N           | U                      |                      | U              | 0.020              | 0.0037                 | 0.020                     |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR                            | CAS_RN                                | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|------------|-----------|-------------|---------|------------------|--------------------------------------------|---------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 110-86-1                                 | Pyridine                              | Y             | Y          | N                 | U           | =                      | =                    | 5              | 2                  | 5                      |                           | 2              | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 118-79-6                                 | 2,4,6-TRIBROMOPHENOL                  | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 90             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 13127-88-3                               | Phenol-d6                             | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 48             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 132-64-9                                 | Dibenzofuran                          | Y             | Y          | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.9                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 321-60-8                                 | 2-FLUOROBIPHENYL                      | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 90             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 367-12-4                                 | 2-FLUOROPHENOL                        | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 69             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 4165-60-0                                | Nitrobenzene-D5                       | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 96             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 85-01-8                                  | Phenanthrene                          | Y             | Y          | Y                 | J           | J                      | J                    | 0.5            | 0.09               | 0.5                    |                           | 0.1            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 86-73-7                                  | Fluorene                              | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    |                           | 0.09           | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 91-20-3                                  | Naphthalene                           | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    |                           | 0.09           | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 91-57-6                                  | 2-Methylnaphthalene                   | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 0.7            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 95-57-8                                  | 2-Chlorophenol                        | Y             | Y          | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.9                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/5/2017 NA   | T             | INITIAL    | SW3510C   | DWE04       | 0       |                  | 1 9890-44-3-9                              | TERPHENYL-D14                         | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 83             | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 106-46-7                                 | 1,4-Dichlorobenzene                   | Y             | N          | Y                 | X           | X                      | J                    | 0.9            | 0.5                | 0.9                    |                           | 0.6            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 106-47-8                                 | 4-Chloroaniline                       | Y             | N          | N                 | X           | X                      | U                    | 4              | 2                  | 4                      |                           | 2              | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 108-95-2                                 | Phenol                                | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 110-86-1                                 | Pyridine                              | Y             | N          | N                 | X           | X                      | U                    | 5              | 2                  | 5                      |                           | 2              | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 132-64-9                                 | Dibenzofuran                          | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 85-01-8                                  | Phenanthrene                          | Y             | N          | Y                 | X           | X                      | J                    | 0.5            | 0.09               | 0.5                    |                           | 0.1            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 86-73-7                                  | Fluorene                              | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    |                           | 0.09           | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 91-20-3                                  | Naphthalene                           | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    |                           | 0.09           | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 91-57-6                                  | 2-Methylnaphthalene                   | Y             | N          | Y                 | X           | X                      | =                    | 0.5            | 0.09               | 0.5                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966RE     | Lan           | SW8270C         | 4/6/2017 NA   | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 95-57-8                                  | 2-Chlorophenol                        | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    |                           | 0.5            | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/10/2017 NA  | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 106-44-5                                 | 4-Methylphenol (P-Cresol)             | Y             | Y          | J                 |             | =                      | =                    |                |                    |                        |                           | 0.9            | 0.5         | µg/L             | TRG |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270C         | 4/10/2017 NA  | T             | REANALYSIS | SW3510C   | DWE04       | 0       |                  | 1 108-39-4                                 | 3-Methylphenol                        | Y             | Y          | Y                 |             | =                      | =                    |                |                    |                        |                           | 13             | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 19719-28-9                               | 2,4-Dichlorophenylacetic acid         | Y             | Y          |                   |             | =                      | =                    |                |                    |                        |                           | 120            | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 93-72-1                                  | Silvex (2,4,5-TP)                     | Y             | N          | U                 |             | U                      | U                    | 0.024          | 0.0094             | 0.024                  |                           | 0.0094         | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 93-76-5                                  | 2,4,5-T (Trichlorophenoxyacetic acid) | Y             | N          | U                 |             | U                      | U                    | 0.024          | 0.0094             | 0.024                  |                           | 0.0094         | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8270SIM       | 4/10/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 94-75-7                                  | 2,4-D (Dichlorophenoxyacetic acid)    | Y             | N          | U                 |             | U                      | U                    | 0.24           | 0.047              | 0.24                   |                           | 0.047          | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8315A         | 3/31/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 123-72-8                                 | N-BUTYRALDEHYDE                       | Y             | Y          |                   |             | =                      | =                    |                |                    |                        |                           | 105            | %           | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW8315A         | 3/31/2017 NA  | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 50-00-0                                  | FORMALDEHYDE                          | Y             | N          | U                 |             | J                      | J                    | 50             | 10                 | 50                     |                           | 50             | µg/L        | TRG              |     |
| MW-20        | MW-20_170328        | 3/28/2017 N | N                | WG          |                    | 8907966       | Lan           | SW9012A         | 4/6/2017 NA   | T             | INITIAL    | METHOD    | DWE04       | 0       |                  | 1 57-12-5                                  | Cyanide                               | Y             | N          | U                 | U           | U                      | U                    | 0.01           | 0.005              | 0.01                   |                           | 0.005          | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | E340.2          | 10/4/2017 NA  | N             | INITIAL    | METHOD    | DWE09       |         |                  | 1 16984-48-8                               | Fluoride                              | Yes           | N          | U                 |             | U                      | U                    | 0.092          | 0.028              | 0.028                  |                           | 0.028          | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | E376.2          | 9/29/2017 NA  | N             | INITIAL    | DWE09     |             |         | 1 18496-25-8     | Sulfide, Reactive                          | Yes                                   | Y             | J          |                   | J           |                        |                      | 0.1            | 0.03               | 0.03                   |                           | 1.8            | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | ES31.1          | 9/28/2017 NA  | N             | INITIAL    | DWE09     |             |         | 1 116-06-3       | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes                                   | N             | U          |                   | U           | U                      | U                    | 2              | 0.01               | 0.004                  |                           | 0.004          | µg/L        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-02-0                                | Nickel                                | Yes           | N          | U                 |             | U                      | U                    | 0.005          | 0.00085            | 0.00085                |                           | 0.0346         | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-39-3                                | Barium                                | N             | Yes        | Y                 |             |                        |                      | 0.015          | 0.0033             | 0.0033                 |                           | 0.0033         | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6010B         | 10/4/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-47-3                                | Chromium                              | N             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.0065             | 0.0065                 |                           | 0.0065         | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-66-6                                | Zinc                                  | N             | Yes        | N                 | U           | U                      | U                    | 0.001          | 0.00045            | 0.00045                |                           | 0.00045        | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-36-0                                | Antimony                              | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00072            | 0.00072                |                           | 0.00072        | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-38-2                                | Arsenic                               | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00072            | 0.00072                |                           | 0.00072        | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7440-62-2                                | Vanadium                              | N             | Yes        | Y                 |             |                        |                      | 0.0005         | 0.00021            | 0.00021                |                           | 0.0016         | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL    | SW3010A   | DWE09       |         |                  | 1 7782-49-2                                | Selenium                              | N             | Yes        | Y                 | J           | J                      |                      | 0.002          | 0.0005             | 0.0005                 |                           | 0.0025         | mg/l        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL    | SW5030B   | DWE09       |         |                  | 1 100-41-4                                 | Ethylbenzene                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | 0.1            | µg/L        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL    | SW5030B   | DWE09       |         |                  | 1 108-88-3                                 | Toluene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | 0.1            | µg/L        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL    | SW5030B   | DWE09       |         |                  | 1 126-98-7                                 | Methylacrylonitrile                   | Yes           | N          | U                 |             | U                      | U                    | 0.5            | 0.3                | 0.3                    |                           | 0.3            | µg/L        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL    | SW5030B   | DWE09       |         |                  | 1 1330-20-7                                | Xylenes, Total                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | 0.1            | µg/L        | TRG              |     |
| MW-20        | MW-20-WG-09262017-N | 9/26/2017 N | N                | WG          |                    | 9231275       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL    | SW5030B   | DWE09       |         |                  | 1 67-64-1                                  |                                       |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE  | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|--------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW6020          | 10/10/2018 NA |               | T        | INITIAL   | SW3020A     | DWF01   |                  |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               |             |                        |                      |                | 0.001              | 0.00024                | 0.00024                   |                | 0.0066 mg/l | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 100-41-4    | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.1 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 108-88-3    | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.5 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.08                   | 0.08                      |                | 0.3 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 67-64-1     | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 5                  | 1.1                    | 1.1                       |                | 190 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      |                      | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-09-2     | Methylene chloride                         | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.06                   | 0.06                      |                | 0.06 µg/L   | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.6 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 0.7                    | 0.7                       |                | 9.6 µg/L    | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      |                      | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 106-47-8    | 4-Chloroaniline                            | Y          | Yes               | N           | U                      |                      | U              | 10                 | 4                      | 4                         |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 108-95-2    | Phenol                                     | Y          | Yes               | Y           |                        |                      |                | 2                  | 0.5                    | 0.5                       |                | 3 µg/L      | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 110-86-1    | Pyridine                                   | Y          | Yes               | N           | U                      |                      | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 132-64-9    | Dibenzofuran                               | Y          | Yes               | N           | U                      |                      | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 85-01-8     | Phenanthrene                               | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 86-73-7     | Fluorene                                   | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 91-20-3     | Naphthalene                                | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 91-57-6     | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      |                      | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 95-57-8     | 2-Chlorophenol                             | Y          | Yes               | N           | U                      |                      | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      |                      | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  |               | N        | INITIAL   | SW3510C     | DWF01   |                  |                 | 1 108-39-4    | 3-Methylphenol                             | Y          | Yes               | Y           |                        |                      |                | 3                  | 0.2                    | 0.2                       |                | 14 µg/L     | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  |               | N        | INITIAL   | SW8151A     | DWF01   |                  |                 | 1 93-72-1     | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      |                      | U              | 0.03               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  |               | N        | INITIAL   | SW8151A     | DWF01   |                  |                 | 1 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      |                      | U              | 0.03               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  |               | N        | INITIAL   | SW8151A     | DWF01   |                  |                 | 1 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      |                      | U              | 0.3                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW8315A         | 9/30/2018 NA  |               | N        | INITIAL   | METHOD      | DWF01   |                  |                 | 1 50-00-0     | FORMALDEHYDE                               | Y          | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 20                        |                | 29 µg/L     | TRG              |
| MW-20        | DUP-2_20182509  | 9/25/2018 FD | WG               |             | MW-20_20182509     | 9822056       | EuroFins Lan  | SW9012A         | 10/2/2018 NA  |               | N        | INITIAL   | METHOD      | DWF01   |                  |                 | 1 57-12-5     | Cyanide                                    | Y          | Yes               | N           | U                      |                      | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | E340.2          | 9/28/2018 NA  |               | N        | INITIAL   |             | DWF01   |                  |                 | 1 16984-48-8  | Fluoride                                   | Y          | Yes               | N           | U                      |                      | U              | 0.093              | 0.028                  | 0.028                     |                | mg/l        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | E376.2          | 10/1/2018 NA  |               | N        | INITIAL   |             | DWF01   |                  |                 | 50 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           |                        |                      |                | 15                 | 5                      | 5                         |                | 32.4 mg/l   | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | E531.1          | 10/2/2018 NA  |               | N        | INITIAL   |             | DWF01   |                  |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      |                      | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  |               | T        | INITIAL   | SW3010A     | DWF01   |                  |                 | 1 7440-02-0   | Nickel                                     | N          | Yes               | N           | U                      |                      | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  |               | T        | INITIAL   | SW3010A     | DWF01   |                  |                 | 1 7440-39-3   | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.005              | 0.001                  | 0.001                     |                | 0.0109 mg/l | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  |               | T        | INITIAL   | SW3010A     | DWF01   |                  |                 | 1 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      |                      | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  |               | T        | INITIAL   | SW3010A     | DWF01   |                  |                 | 1 7440-66-6   | Zinc                                       | N          | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.003                  | 0.003                     |                | 0.0107 mg/l | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6020          | 10/6/2018 NA  |               | N        | INITIAL   | SW3020A     | DWF01   |                  |                 | 1 7440-36-0   | Antimony                                   | N          | Yes               | N           | U                      |                      | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6020          | 10/6/2018 NA  |               | N        | INITIAL   | SW3020A     | DWF01   |                  |                 | 1 7782-49-2   | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.00065                | 0.00065                   |                | 0.0009 mg/l | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6020          | 10/10/2018 NA |               | T        | INITIAL   | SW3020A     | DWF01   |                  |                 | 1 7440-38-2   | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.002              | 0.00068                | 0.00068                   |                | 0.0053 mg/l | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW6020          | 10/10/2018 NA |               | T        | INITIAL   | SW3020A     | DWF01   |                  |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.001              | 0.00024                | 0.00024                   |                | 0.0062 mg/l | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 100-41-4    | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.1 µg/L    | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 108-88-3    | Toluene                                    | Y          | Yes               | Y           |                        |                      |                | 0.5                | 0.05                   | 0.05                      |                | 0.5 µg/L    | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      |                      | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.08                   | 0.08                      |                | 0.3 µg/L    | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 67-64-1     | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 5                  | 1.1                    | 1.1                       |                | 200 µg/L    | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      |                      | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-09-2     | Methylene chloride                         | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.06                   | 0.06                      |                | 0.07 µg/L   | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  |               | N        | INITIAL   | SW5030B     | DWF01   |                  |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.7 µg/L    | TRG              |
| MW-20        | MW-20_20182509  | 9/25/2018 N  | WG               |             |                    | 9822055       | EuroFins Lan  |                 |               |               |          |           |             |         |                  |                 |               |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-20        | DUP-01-20190319 | 3/19/2019   | FD               | WG          | MW-20-20190319     | 1013296       | EuroFins Lan  | SW9012A         | 3/26/2019     | NA            | N        | INITIAL    | METHOD      | LAB     | SWD              |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | UJ                     | UJ                   | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | E340.2          | 3/27/2019     | NA            | N        | INITIAL    | E300        | DWF04   |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.09               | 0.027                  | 0.027                     |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | E376.2          | 3/23/2019     | NA            | N        | INITIAL    |             | DWF04   |                  | 50              | 18496-25-8   | Sulfide, Reactive                          |            | Yes               | Y           | U                      | U                    | U              | 15                 | 5                      |                           | 15.5           | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | E531.1          | 3/23/2019     | NA            | N        | INITIAL    |             | DWF04   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      |                           |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           | U                      | U                    | U              | 0.005              | 0.001                  | 0.001                     | 0.0094         | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.003                  | 0.003                     |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   | 0.0023         | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6020          | 4/16/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.00068                | 0.00068                   | 0.00065        | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW6020          | 4/16/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | U                      | U                    | U              | 0.001              | 0.00024                | 0.00024                   | 0.0057         | mg/l        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.07        | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.2         | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.08                   | 0.08                      |                | 0.2         | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | U                      | U                    | U              | 5                  | 1.1                    | 1.1                       |                | 33          | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | Y           | J                      | J                    | J              | 20                 | 3.9                    | 3.9                       |                | 4.8         | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.6         | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | UJ                     | UJ                   | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | Y           | J                      | J                    | J              | 2                  | 0.5                    | 0.5                       |                | 1           | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 108-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | No                | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 108-95-2   | Phenol                                     | Y          | No                | Y           | J                      | J                    | J              | 2                  | 0.5                    | 0.5                       |                | 1           | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 110-62-1   | Pyridine                                   | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | Y           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | 2           | µg/L             | TRG |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL    | SW8151A     | DWF04   |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL    | SW8151A     | DWF04   |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |     |
| MW-20        | MW-20-20190319  | 3/19/2019   | N                | WG          |                    | 1013292       | EuroFins Lan  | SW8315A         | 3/22/2019     | NA            | N        | INITIAL    | METHOD      | DWF04   |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-20        | MW-20-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW8270D         | 11/12/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-20        | MW-20-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW8315A         | 11/7/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 50                        | 31             | µg/L        | TRG              |
| MW-20        | MW-20-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-2   | ELLE          | SW9012B         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | E376.2          | 9/24/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 5 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           | J                      | J                    | J              | 1.5                | 0.50                   | 1.5                       | 4.6            | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | ES531.1         | 9/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SM4500-F-C      | 9/28/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.090              | 0.027                  | 0.090                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           | J                      | J                    | J              | 0.0090             | 0.0010                 | 0.0090                    | 0.025          | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6010C         | 9/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.015                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           | J                      | J                    | J              | 0.0020             | 0.00068                | 0.0020                    | 0.0019         | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0040             | 0.00079                | 0.0040                    | 0.0051         | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.00045        | mg/l        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.50               | 0.060                  | 0.50                      | 0.23           | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.070                  | 0.50                      | 3.4            | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 5.0                | 0.90                   | 5.0                       | 11             | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    |                           |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.060                  | 1.0                       | 0.24           | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.15                   | 1.0                       | 0.75           | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.1                    |                           |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.2                | 2.1                    | 5.2                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.11                   | 0.52                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 0.12                   |                           |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.0099                 | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.0099                 | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.25               | 0.099                  | 0.25                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW8315A         | 9/27/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 120                | 54                     | 120                       | 85             | µg/L        | TRG              |
| MW-20        | MW-20-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-7   | ELLE          | SW9012B         | 9/24/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-25  | ELLE          | E376.2          | 3/29/2022     | NA            | T        | INITIAL   | NONE        | 410-77155-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           | J                      | J                    | J              | 0.30               | 0.10                   | 0.30                      | 1.6            | mg/l        | TRG              |
| MW-20        | MW-20-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-25  | ELLE          | ES531.1         | 3/26/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-25  | ELLE          | SM4500-F-C      | 4/1/2022      | NA            |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS    | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|-------------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U                 | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>-</sup> cn | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-39-3   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>-</sup> cn | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U                 | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U                 | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U                 | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW8315A         | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | U                      | U                    | U                 | 240                | 110                    | 400                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-16  | EuroFins Lan  | SW9012B         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | Ucn               | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | E376.2          | 3/31/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           | J                      | J                    | U                 | 0.30               | 0.10                   | 0.30                      |                | 1.3 mg/l    | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | E531.1          | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | Ucn               | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW4500-F-C      | 4/14/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U                 | 0.095              | 0.029                  | 0.095                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U                 | 0.010              | 0.0021                 | 0.010                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                   | 0.0050             | 0.0010                 | 0.0050                    | 0.021          | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U                 | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U                 | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U                 | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           | J                      | J                    | J                 | 0.0020             | 0.00068                | 0.0020                    | 0.00079        | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                   | 0.0040             | 0.00079                | 0.0040                    | 0.0056         | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J                 | 0.0010             | 0.00028                | 0.0010                    | 0.00043        | mg/l        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J                 | 0.50               | 0.080                  | 0.50                      |                | 0.16 µg/L   | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | Y           |                        |                      |                   | 0.50               | 0.080                  | 0.50                      |                | 3.9 µg/L    | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U                 | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 130-20-7   | Xylenes, Total                             | Y          | Yes               | Y           | J                      | J                    | J                 | 0.055              | 0.013                  | 0.055                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J                 | 5.0                | 1.0                    | 5.0                       |                | 3.3 µg/L    | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | Ucn               | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U                 | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | Jcn               | 1.0                | 0.10                   | 1.0                       | 0.17           | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U                 | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U                 | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U                 | 11                 | 4.4                    | 11                        |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U                 | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U                 | 5.5                | 2.2                    | 5.5                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U                 | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U                 | 0.55               | 0.12                   | 0.55                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U                 | 0.55               | 0.13                   | 0.55                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U                 | 0.55               | 0.11                   | 0.55                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U                 | 0.55               | 0.11                   | 0.55                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>-</sup> cn | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>-</sup> cn | 1.1                | 0.55                   | 1.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-39-3   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>-</sup> cn | 1.1                | 0.55                   | 1.1                       |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U                 | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U                 | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U                 | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW8315A         | 4/3/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | U                      | U                    | U                 | 60                 | 27                     | 60                        |                | 67 µg/L     | TRG              |
| MW-20        | MW-20-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-5  | EuroFins Lan  | SW9012B         | 4/10/         |               |          |           |             |              |                  |                 |              |                                            |            |                   |             |                        |                      |                   |                    |                        |                           |                |             |                  |



| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-21        | MW-21-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231279       | ELLE          | SW8315A         | 9/29/2017     | NA            | N        | INITIAL   | METHOD      | DWE09   |                  | 1               | 50-00-0    | FORMALDEHYDE                               |            | Yes               |             |                        |                      |                | 50                 | 10                     | 10                        | 110            | µg/L        | TRG              |
| MW-21        | MW-21-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231279       | ELLE          | SW9012A         | 10/6/2017     | NA            | N        | INITIAL   | METHOD      | DWE09   |                  | 1               | 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                |             |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | E340.2          | 3/28/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   |                  | 1               | 16984-48-8 | Fluoride                                   |            | Y                 | Y           |                        |                      | 0.093          | 0.028              | 0.028                  | 0.27                      | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | E376.2          | 3/26/2018     | NA            | N        | INITIAL   |             | DWE14   |                  | 1               | 18496-25-8 | Sulfide, Reactive                          |            | Y                 | Y           | J                      | J                    | 0.10           | 0.030              | 0.030                  | 0.07                      | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | E531.1          | 3/30/2018     | NA            | N        | INITIAL   |             | DWE14   |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | 2.0            | 0.54               | 0.54                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | 0.0100         | 0.0040             | 0.0040                 |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-39-3  | Barium                                     | N          | Y                 |             |                        | U                    | 0.0050         | 0.00085            | 0.00085                | 0.0256                    | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | 0.0150         | 0.0033             | 0.0033                 |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | 0.0200         | 0.0065             | 0.0065                 |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | 0.0010         | 0.00045            | 0.00045                |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | 0.0020         | 0.00072            | 0.00072                |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Y                 | Y           | J                      | J                    | 0.0050         | 0.00021            | 0.00021                | 0.00047                   | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | 0.0020         | 0.00050            | 0.00050                |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | 5.0            | 0.3                | 0.3                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | 5.0            | 3.0                | 3.0                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | 20             | 7.0                | 7.0                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.2                | 0.2                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | 1.0            | 0.4                | 0.4                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   |                  | 1               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | 5.0            | 1.0                | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | 0.02           | 0.01               | 0.01                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | 5              | 2                  | 2                      |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/29/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C         | 3/29/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   |                  | 1               | 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | 0.02           | 0.01               | 0.01                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | 0.9            | 0.02               | 0.01                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | 0.2            | 0.05               | 0.05                   |                           | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW8315A         | 3/25/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   |                  | 1               | 50-00-0    | FORMALDEHYDE                               | Y          | Y                 |             |                        | U                    | 50             | 10                 | 10                     | 95                        | µg/L           | TRG         |                  |
| MW-21        | MW-21-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515753       | ELLE          | SW9012A         | 3/29/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   |                  | 1               | 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | 0.010          | 0.0050             | 0.0050                 |                           | mg/l           | TRG         |                  |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | E340.2          | 9/28/2018     | NA            | N        | INITIAL   |             | DWF01   |                  | 1               | 16984-48-8 | Fluoride                                   |            | Yes               | Y           |                        |                      | U              | 0.092              | 0.028                  | 0.028                     | 0.3            | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | E376.2          | 10/1/2018     | NA            | N        | INITIAL   |             | DWF01   |                  | 1               | 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | E531.1          | 10/2/2018     | NA            | N        | INITIAL   |             | DWF01   |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   |                  | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   |                  | 1               | 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      | U              | 0.005              | 0.001                  | 0.001                     | 0.025          | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | Y           | J                      | J                    | U              | 0.02               | 0.003                  | 0.003                     | 0.0101         | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6020          | 10/6/2018     | NA            | T        | INITIAL   | SW3020A     | DWF01   |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-21        | MW-21_20182509      | 9/25/2018   | N                | WG          |                    | 9822058       | EuroFins Lan  | SW6020          | 10/6/2018     | NA            | T        | INITIAL   | SW3020A     | DWF01   |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |

Attachment 1. 2017 to 2023 Groundwater Data  
Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE  | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|--------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|------------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | No                | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | REANALYSIS | SW3510C   | DWF04       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/30/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Yes        | N                 | U           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C         | 3/30/2019 NA  | N             | INITIAL    | SW3510C   | DWF04       |         |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Yes        | N                 | U           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL    | SW8151A   | DWF04       |         |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Yes        | N                 | U           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL    | SW8151A   | DWF04       |         |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | U           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL    | SW8151A   | DWF04       |         |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | U           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW8315A         | 3/22/2019 NA  | N             | INITIAL    | METHOD    | DWF04       |         |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Yes        | Y                 |             |                        |                      |                | 20                 | 20                     | 55                        |                | µg/L        | TRG              |
| MW-21        | MW-21-20190319  | 3/19/2019 N  | WG               |             |                    | 1013293       | EuroFins Lan  | SW9012A         | 3/23/2019 NA  | N             | INITIAL    | METHOD    | DWF04       |         |                  |                 | 1 57-12-5    | Cyanide                                    | Yes        | N                 | UJ          | UJ                     | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | E340.2          | 9/18/2019 NA  | N             | INITIAL    |           | DWF09       |         |                  |                 | 1 16984-48-8 | Fluoride                                   | Yes        | Y                 |             |                        |                      | U              | 0.092              | 0.028                  | 0.028                     | 0.27           | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | E376.2          | 9/13/2019 NA  | N             | INITIAL    |           | DWF09       |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Yes        | N                 | U           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | µg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | E531.1          | 9/20/2019 NA  | N             | INITIAL    |           | DWF09       |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes        | N                 | U           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6010B         | 9/18/2019 NA  | T             | INITIAL    | SW3010A   | DWF09       |         |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6010B         | 9/18/2019 NA  | T             | INITIAL    | SW3010A   | DWF09       |         |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        | U                    | U              | 0.005              | 0.001                  | 0.001                     | 0.0249         | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6010B         | 9/18/2019 NA  | T             | INITIAL    | SW3010A   | DWF09       |         |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6010B         | 9/18/2019 NA  | T             | INITIAL    | SW3010A   | DWF09       |         |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.0037                 | 0.0037                    |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6020          | 9/18/2019 NA  | T             | INITIAL    | SW3020A   | DWF09       |         |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6020          | 9/18/2019 NA  | T             | INITIAL    | SW3020A   | DWF09       |         |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0005             | 0.00024                | 0.00024                   | 0.00042        | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6020          | 9/19/2019 NA  | T             | INITIAL    | SW3020A   | DWF09       |         |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00028                | 0.00028                   |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW6020          | 9/19/2019 NA  | T             | INITIAL    | SW3020A   | DWF09       |         |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Yes        | N                 | U           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1.1                    | 1.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | J              | 1                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8260B         | 9/17/2019 NA  | N             | INITIAL    | SW5030B   | DWF09       |         |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | UJ                     | UJ                   | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | UJ                     | UJ                   | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | UJ                     | UJ                   | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Yes        | N                 | UJ          | UJ                     | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL    | SW3510C   | DWF09       |         |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   | 9/11/2019 FD | WG               |             | MW-21-091119       | 1148370       | EuroFins Lan  | SW8270C         | 9/23/2019 NA  | N             | REANALYSIS | SW3510C   | DWF09       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-21        | DUP-01-091119   |              |                  |             |                    |               |               |                 |               |               |            |           |             |         |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_ | SYS_SAMPLE_    | SAMPLE_   | SAMPLE_TYPE_ | MATRIX_ | PARENT_SAMPLE_ | LAB_        | LAB_      | ANALYTIC_  | ANALYSIS_  | COLUMN_ | FRACTION | TEST_   | PREP_   | LAB_SDG     | PERCENT_ | DILUTION_  | CAS_RN | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_ | DETECT_ | INTERPRETED_ | VALIDATOR_ | LAB_       | QUANTITATION_   | METHOD_ | REPORTING_      | RESULT_         | RESULT_    | RESULT_ |           |
|----------|----------------|-----------|--------------|---------|----------------|-------------|-----------|------------|------------|---------|----------|---------|---------|-------------|----------|------------|--------|--------------------------------------------|------------|-------------|---------|--------------|------------|------------|-----------------|---------|-----------------|-----------------|------------|---------|-----------|
| CODE     | CODE           | DATE      | CODE         | CODE    | CODE           | SAMPLE_ID   | NAME_CODE | METHOD     | DATE       | NUMBER  |          | TYPE    | METHOD  |             |          | MOISTURE   | FACTOR |                                            |            |             | RESULT  | FLAG         | QUALIFIERS | QUALIFIERS | QUALIFIERS      | LIMIT   | DETECTION_LIMIT | DETECTION_LIMIT | NUMERIC    | UNIT    | TYPE_CODE |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8260C    | 11/13/2020 | NA      | T        | INITIAL | SW5030  | 410-19389-1 | 1        | XYLENES    |        | Xylenes, Total                             | Y          | Yes         | N       | U            | U          | U          | 1.0             | 0.15    | 1.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270     | 11/14/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 106-44-5   |        | 4-Methylphenol (P-Cresol)                  |            | Yes         | N       | U            | U          | U          | 1.1             | 0.53    | 1.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270     | 11/14/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 108-39-4   |        | 3-Methylphenol                             |            | Yes         | N       | U            | U          | U          | 1.1             | 0.53    | 1.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 106-46-7   |        | 1,4-Dichlorobenzene                        | Y          | Yes         | N       | U            | U          | U          | 2.1             | 0.53    | 2.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 106-47-8   |        | 4-Chloroaniline                            | Y          | Yes         | N       | U            | U          | U          | 11              | 4.2     | 11              |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 108-95-2   |        | Phenol                                     | Y          | Yes         | N       | U            | U          | U          | 2.1             | 0.53    | 2.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 110-86-1   |        | Pyridine                                   | Y          | Yes         | N       | U            | U          | U          | 5.3             | 2.1     | 5.3             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 132-64-9   |        | Dibenzofuran                               | Y          | Yes         | N       | U            | U          | U          | 2.1             | 0.53    | 2.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 85-01-8    |        | Phenanthrene                               | Y          | Yes         | N       | U            | U          | U          | 0.53            | 0.11    | 0.53            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 86-73-7    |        | Fluorene                                   | Y          | Yes         | N       | U            | U          | U          | 0.53            | 0.11    | 0.53            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 91-20-3    |        | Naphthalene                                | Y          | Yes         | N       | U            | U          | U          | 0.53            | 0.11    | 0.53            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 91-57-6    |        | 2-Methylnaphthalene                        | Y          | Yes         | N       | U            | U          | U          | 0.53            | 0.11    | 0.53            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270D    | 11/12/2020 | NA      | T        | INITIAL | SW3510C | 410-19389-1 | 1        | 95-57-8    |        | 2-Chlorophenol                             | Y          | Yes         | N       | U            | U          | U          | 2.1             | 0.53    | 2.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270DSIM | 11/12/2020 | NA      | T        | INITIAL | METHOD  | 410-19389-1 | 1        | 93-72-1    |        | Silvex (2,4,5-TP)                          | Y          | Yes         | N       | U            | U          | U          | 0.025           | 0.010   | 0.025           |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270DSIM | 11/12/2020 | NA      | T        | INITIAL | METHOD  | 410-19389-1 | 1        | 93-76-5    |        | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes         | N       | U            | U          | U          | 0.025           | 0.010   | 0.025           |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8270DSIM | 11/12/2020 | NA      | T        | INITIAL | METHOD  | 410-19389-1 | 1        | 94-75-7    |        | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes         | N       | U            | U          | U          | 0.25            | 0.10    | 0.25            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW8315A    | 11/7/2020  | NA      | T        | INITIAL | METHOD  | 410-19389-1 | 1        | 50-00-0    |        | FORMALDEHYDE                               | Y          | Yes         | N       | U            | U          | U          | 50              | 20      | 50              |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20201104 | 11/4/2020 | N            | WG      |                | 410-19552-3 | ELLE      | SW9012B    | 11/11/2020 | NA      | T        | INITIAL | METHOD  | 410-19389-1 | 1        | 57-12-5    |        | Cyanide                                    | Y          | Yes         | N       | U            | U          | U          | 0.010           | 0.0050  | 0.010           |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | E376.2     | 9/24/2021  | NA      | T        | INITIAL | NONE    | 410-55961-1 | 1        | 18496-25-8 |        | Sulfide, Reactive                          | Y          | Yes         | N       | U            | U          | UF1        | 0.30            | 0.10    | 0.30            |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | E531.1     | 9/30/2021  | NA      | T        | INITIAL | METHOD  | 410-55961-1 | 1        | 116-06-3   |        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes         | N       | U            | U          | U          | 2.0             | 1.0     | 2.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SM4500-F-C | 9/28/2021  | NA      | T        | INITIAL | METHOD  | 410-55961-1 | 1        | 16984-48-8 |        | Fluoride                                   | Y          | Yes         | Y       |              |            |            | 0.093           | 0.028   | 0.093           |                 | 0.27 mg/l  | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6010C    | 9/28/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-02-0  |        | Nickel                                     | N          | Yes         | N       | U            | U          | U          | 0.010           | 0.0021  | 0.010           |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6010C    | 9/28/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-39-3  |        | Barium                                     | N          | Yes         | N       | U            | U          | U          | 0.050           | 0.0010  | 0.050           |                 | 0.029 mg/l | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6010C    | 9/28/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-66-6  |        | Zinc                                       | N          | Yes         | N       | U            | U          | U          | 0.020           | 0.0037  | 0.020           |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6010C    | 9/28/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-47-3  |        | Chromium                                   | N          | Yes         | N       | U            | U          | U          | 0.015           | 0.0016  | 0.015           |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6020A    | 10/4/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-36-0  |        | Antimony                                   | N          | Yes         | N       | U            | U          | U          | U <sup>3+</sup> | 0.0010  | 0.00041         | 0.0010          |            | mg/l    | TRG       |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6020A    | 10/4/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-38-2  |        | Arsenic                                    | N          | Yes         | N       | U            | U          | U          | 0.0020          | 0.00068 | 0.0020          |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6020A    | 10/4/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7440-62-2  |        | Vanadium                                   | N          | Yes         | N       | U            | U          | U          | 0.0040          | 0.00079 | 0.0040          |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW6020A    | 10/4/2021  | NA      | T        | INITIAL | SW3005  | 410-55961-1 | 1        | 7782-49-2  |        | Selenium                                   | N          | Yes         | N       | U            | U          | U          | 0.0010          | 0.00028 | 0.0010          |                 | mg/l       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 100-41-4   |        | Ethylbenzene                               | Y          | Yes         | N       | U            | U          | U          | 0.50            | 0.060   | 0.50            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 108-88-3   |        | Toluene                                    | Y          | Yes         | N       | U            | U          | U          | 0.50            | 0.070   | 0.50            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 126-98-7   |        | Methylacrylonitrile                        | Y          | Yes         | N       | U            | U          | U          | 5.0             | 0.30    | 5.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 67-64-1    |        | Acetone                                    | Y          | Yes         | N       | U            | U          | U          | 5.0             | 0.90    | 5.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 75-05-8    |        | Acetonitrile                               | Y          | Yes         | N       | U            | U          | U          | 10              | 5.0     | 10              |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 75-09-2    |        | Methylene chloride                         | Y          | Yes         | N       | U            | U          | U          | 0.070           | 0.010   | 0.070           |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 75-15-0    |        | Carbon Disulfide                           | Y          | Yes         | N       | U            | U          | U          | 0.10            | 0.060   | 0.10            |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | 78-93-3    |        | Methyl ethyl ketone (2-Butanone)           | Y          | Yes         | N       | U            | U          | U          | 5.0             | 0.60    | 5.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8260C    | 9/30/2021  | NA      | T        | INITIAL | SW5030  | 410-55961-1 | 1        | XYLENES    |        | Xylenes, Total                             | Y          | Yes         | N       | U            | U          | U          | 1.0             | 0.15    | 1.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270     | 10/4/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 106-44-5   |        | 4-Methylphenol (P-Cresol)                  | Y          | Yes         | N       | U            | U          | U          | 1.0             | 0.51    | 1.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270     | 10/4/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 108-39-4   |        | 3-Methylphenol                             | Y          | Yes         | N       | U            | U          | U          | 1.0             | 0.51    | 1.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270D    | 9/29/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 106-46-7   |        | 1,4-Dichlorobenzene                        | Y          | Yes         | N       | U            | U          | U          | 2.0             | 0.51    | 2.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270D    | 9/29/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 106-47-8   |        | 4-Chloroaniline                            | Y          | Yes         | N       | U            | U          | U          | 10              | 4.1     | 10              |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270D    | 9/29/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 108-95-2   |        | Phenol                                     | Y          | Yes         | N       | UJ           | UJ         | UF2        | 2.0             | 0.51    | 2.0             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270D    | 9/29/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 110-86-1   |        | Pyridine                                   | Y          | Yes         | N       | UJ           | UJ         | UF2        | 5.1             | 2.0     | 5.1             |                 | µg/L       | TRG     |           |
| MW-21    | MW-21-20210921 | 9/21/2021 | N            | WG      |                | 410-55961-8 | ELLE      | SW8270D    | 9/29/2021  | NA      | T        | INITIAL | SW3510C | 410-55961-1 | 1        | 132-64-9   |        |                                            |            |             |         |              |            |            |                 |         |                 |                 |            |         |           |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.10                   | 1.0                       |                | 0.12 µg/L   | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | J                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.0                    | 10                        |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 2.0                    | 5.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.11                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.12                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW8315A         | 9/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           |                        |                      |                | 60                 | 27                     | 60                        |                | 240 µg/L    | TRG              |     |
| MW-21        | MW-21-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-15  | EuroFins Lan  | SW90128         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | E376.2          | 3/31/2023     | NA            | T        | INITIAL   | NONE        | 410-120520-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.30               | 0.10                   |                           |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | E531.1          | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW4500-F-C      | 4/14/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.098              | 0.027                  | 0.098                     |                | 0.27 µg/L   | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                | 0.029 mg/l  | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0040             | 0.00079                | 0.0040                    |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 0.30               | 0.30                   | 5.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 130-07-7   | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.70                   | 1.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | Ucn                | 10                     | 5.0                       | 10             |             | µg/L             | TRG |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.10                   | 1.0                       |                | 0.47 µg/L   | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8260C         | 4/5/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 4.3                    | 11                        |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | µg/L        | TRG              |     |
| MW-21        | MW-21-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-6  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y</        |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN | CHEMICAL_NAME                         | ORGANIC_YN                                 | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |             |             |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|-------------|------------------|-----------------|--------|---------------------------------------|--------------------------------------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-------------|-------------|-----|
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 75-05-8        |                 |        | Acetonitrile                          | Y                                          | Yes               | N           | U                      | U                    | U              | 20                 | 3.0                    | 20                        |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 75-09-2        |                 |        | Methylene chloride                    | Y                                          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 75-15-0        |                 |        | Carbon Disulfide                      | Y                                          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.060                  | 1.0                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 78-93-3        |                 |        | Methyl ethyl ketone (2-Butanone)      | Y                                          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 XYLENES        |                 |        | Xylenes, Total                        | Y                                          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270          | 4/2/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 106-44-5       |                 |        | 4-Methylphenol (P-Cresol)             | Yes                                        | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.55                   | 1.1                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270          | 4/2/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 108-39-4       |                 |        | 3-Methylphenol                        | Yes                                        | N                 | UJ          | UJ                     | U                    | 1.1            | 0.55               | 1.1                    |                           | µg/L           | TRG         |                  |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 106-46-7       |                 |        | 1,4-Dichlorobenzene                   | Y                                          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 106-47-8       |                 |        | 4-Chloroaniline                       | Y                                          | Yes               | N           | U                      | U                    | U              | 11                 | 4.4                    | 11                        |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 108-95-2       |                 |        | Phenol                                | Y                                          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 95-01-8        |                 |        | Phenanthrene                          | Y                                          | No                | N           | U                      | U                    | U              | 0.53               | 0.12                   | 0.53                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 132-64-9       |                 |        | Dibenzofuran                          | Y                                          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 85-01-8        |                 |        | Phenanthrene                          | Y                                          | Yes               | N           | U                      | U                    | U              | 0.55               | 0.12                   | 0.55                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 86-73-7        |                 |        | Fluorene                              | Y                                          | Yes               | N           | U                      | U                    | U              | 0.55               | 0.13                   | 0.55                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 91-20-3        |                 |        | Naphthalene                           | Y                                          | Yes               | Y           |                        |                      |                | 0.55               | 0.11                   | 0.55                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 91-57-6        |                 |        | 2-Methylnaphthalene                   | Y                                          | Yes               | N           | U                      | U                    | U              | 0.55               | 0.11                   | 0.55                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/3/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 95-57-8        |                 |        | 2-Chlorophenol                        | Y                                          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.55                   | 2.2                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 106-46-7       |                 |        | 1,4-Dichlorobenzene                   | Y                                          | No                | N           |                        | UH                   | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 106-47-8       |                 |        | 4-Chloroaniline                       | Y                                          | No                | N           |                        | UH                   | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 108-95-2       |                 |        | Phenol                                | Y                                          | No                | N           |                        | UH                   | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 110-86-1       |                 |        | Pyridine                              | Y                                          | No                | N           |                        | UH                   | U              | 5.3                | 2.1                    | 5.3                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 132-64-9       |                 |        | Dibenzofuran                          | Y                                          | No                | N           |                        | UH                   | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 95-01-8        |                 |        | Phenanthrene                          | Y                                          | No                | N           |                        | UH                   | U              | 0.53               | 0.12                   | 0.53                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 86-73-7        |                 |        | Fluorene                              | Y                                          | No                | N           |                        | UH                   | U              | 0.53               | 0.13                   | 0.53                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 91-20-3        |                 |        | Naphthalene                           | Y                                          | No                | N           |                        | UH                   | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 91-57-6        |                 |        | 2-Methylnaphthalene                   | Y                                          | No                | N           |                        | UH                   | U              | 0.53               | 0.11                   | 0.53                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 95-57-8        |                 |        | 2-Chlorophenol                        | Y                                          | No                | N           |                        | UH                   | U              | 2.1                | 0.53                   | 2.1                       |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 93-72-1        |                 |        | Silvex (2,4,5-TP)                     | Y                                          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 93-76-5        |                 |        | 2,4,5-T (Trichlorophenoxyacetic acid) | Yes                                        | N                 | U           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 94-75-7        |                 |        | 2,4-D (Dichlorophenoxyacetic acid)    | Yes                                        | N                 | U           | U                      | U                    | U              | 0.26               | 0.10                   | 0.26                      |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW8315A         | 3/27/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 50-00-0        |                 |        | FORMALDEHYDE                          | Yes                                        | N                 | U           | U                      | U                    | U              | 60                 | 27                     | 60                        |                | µg/L        | TRG              |             |             |     |
| MW-21        | MW-21-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-5   | ELLE          | SW90128         | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 57-12-5        |                 |        | Cyanide                               | Y                                          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |             |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | E340.2          | 4/4/2017      | NA            | T        | INITIAL    | METHOD      | DWE04       | 0                |                 |        | 1 16984-48-8                          | Fluoride                                   | Y                 | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.092                     |                | 0.028 mg/l  | TRG              |             |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | E376.2          | 4/3/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                |                 |        | 1 18496-25-8                          | Sulfide, Reactive                          | Y                 | Y           |                        |                      |                | =                  | =                      | 0.1                       | 0.03           | 0.1         |                  | 1.1 mg/l    | TRG         |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | ES31.1          | 4/2/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                |                 |        | 1 116-06-3                            | Aldicarb (sulfide, sulfoxide, and sulfone) | Y                 | Y           | U                      |                      |                | =                  | =                      | 2                         | 1              | 2           |                  | 10 %        | TRG         |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | ES31.1          | 4/2/2017      | NA            | T        | INITIAL    | NONE        | DWE04       | 0                |                 |        | 1 672-99-1                            | 4-BROMO-3,5-DIMETHYLPHENYL                 | Y                 | Y           |                        |                      |                | =                  | =                      | 1                         |                |             |                  | %           | TRG         |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-02-0                           | Nickel                                     | N                 | Y           | N                      | U                    | U              | U                  | 0.01                   | 0.0028                    | 0.01           |             | 0.0028 mg/l      | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-39-3                           | Barium                                     | N                 | Y           | N                      | U                    | U              | U                  | =                      | =                         | 0.005          | 0.0011      | 0.005            |             | 0.0211 mg/l | TRG |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-47-3                           | Chromium                                   | N                 | Y           | N                      | U                    | U              | U                  | 0.015                  | 0.0018                    | 0.015          |             | 0.0018 mg/l      | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW60108         | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-66-6                           | Zinc                                       | N                 | Y           | N                      | U                    | U              | U                  | 0.02                   | 0.0054                    | 0.02           |             | 0.0054 mg/l      | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-36-0                           | Antimony                                   | N                 | Y           | N                      | U                    | U              | U                  | 0.001                  | 0.00048                   | 0.001          |             | 0.00048 mg/l     | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-38-2                           | Arsenic                                    | N                 | Y           | N                      | U                    | U              | U                  | =                      | =                         | 0.002          | 0.00068     | 0.002            |             | 0.003 mg/l  | TRG |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7440-62-2                           | Vanadium                                   | N                 | Y           | Y                      |                      |                | =                  | =                      | 0.0005                    | 0.0002         | 0.0005      |                  | 0.0022 mg/l | TRG         |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW6020          | 4/6/2017      | NA            | T        | INITIAL    | TOTAL       | DWE04       | 0                |                 |        | 1 7782-49-2                           | Selenium                                   | N                 | Y           | N                      | U                    | U              | U                  | 0.002                  | 0.00044                   | 0.002          |             | 0.00044 mg/l     | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW82608         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                |                 |        | 1 100-41-4                            | Ethylbenzene                               | Y                 | Y           | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.5            |             | 0.1 µg/L         | TRG         |             |     |
| MW-23        | MW-23_170328    | 3/28/2017   | N                | WG          |                    | 8907971       | LAN           | SW82608         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04       | 0                |                 |        | 1 108-88-3                            | Toluene                                    | Y                 | Y           | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.5            |             | 0.1 µg/L         | TRG         |             |     |
| MW-23        | MW-23_170328    |             |                  |             |                    |               |               |                 |               |               |          |            |             |             |                  |                 |        |                                       |                                            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |             |             |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION  | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|-----------|-----------|-------------|---------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   | 0.09                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL   | SW3510C   | DWE09       |         |                  | 1 108-39-4      | 3-Methylphenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE09       |         |                  | 1 93-72-1       | Silvex (2,4,5-TP)                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.024          | 0.0097             | 0.0097                 |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE09       |         |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | No            | Y          | X                 |             | E                      | U                    | 0.024          | 0.0097             | 0.0097                 | 0.78                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | INITIAL   | SW8151A   | DWE09       |         |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | Yes           | Y          |                   | X           |                        | U                    | 0.24           | 0.049              | 0.049                  | 2.6                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | DILUTION1 | SW8151A   | DWE09       |         |                  | 5 93-72-1       | Silvex (2,4,5-TP)                          | No            | N          | X                 |             | X                      | U                    | 0.12           | 0.049              | 0.049                  | 0.049                     | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | DILUTION1 | SW8151A   | DWE09       |         |                  | 5 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes           | Y          |                   |             |                        | U                    | 0.12           | 0.049              | 0.049                  | 0.88                      | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8270SIM       | 10/5/2017 NA  | N             | DILUTION1 | SW8151A   | DWE09       |         |                  | 5 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | No            | Y          | X                 |             | X                      | U                    | 1.2            | 0.24               | 0.24                   | 2.6                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW8315A         | 9/29/2017 NA  | N             | INITIAL   | METHOD    | DWE09       |         |                  | 1 50-00-0       | FORMALDEHYDE                               | Yes           | Y          | J                 |             | J                      | J                    | 50             | 10                 | 10                     |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231285       | ELLE          | SW9012A         | 10/6/2017 NA  | N             | INITIAL   | METHOD    | DWE09       |         |                  | 1 57-12-5       | Cyanide                                    | Yes           | N          | U                 |             | U                      | U                    | 0.01           | 0.005              | 0.005                  |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | E340.2          | 3/28/2018 NA  | N             | INITIAL   | METHOD    | DWE14       |         |                  | 1 16984-48-8    | Fluoride                                   | Yes           | N          | U                 |             |                        | U                    | 0.093          | 0.028              | 0.028                  |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | E376.2          | 3/26/2018 NA  | N             | INITIAL   |           | DWE14       |         |                  | 1 18496-25-8    | Sulfide, Reactive                          | Y             | Y          |                   |             |                        | U                    | 0.10           | 0.030              | 0.030                  | 0.42                      | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | E531.1          | 3/30/2018 NA  | N             | INITIAL   |           | DWE14       |         |                  | 1 116-06-3      | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes           | N          | U                 |             |                        | U                    | 2.0            | 0.54               | 0.54                   |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-02-0     | Nickel                                     | N             | Yes        | N                 | U           |                        | U                    | 0.0100         | 0.0040             | 0.0040                 |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-39-3     | Barium                                     | Y             | Yes        | N                 | U           |                        | U                    | 0.0050         | 0.00085            | 0.00085                | 0.0233                    | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-47-3     | Chromium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0033         | 0.0033             | 0.0033                 |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-66-6     | Zinc                                       | N             | Yes        | N                 | U           |                        | U                    | 0.0200         | 0.0065             | 0.0065                 |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW5020          | 3/30/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-36-0     | Antimony                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0010         | 0.00045            | 0.00045                |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-38-2     | Arsenic                                    | N             | Yes        | N                 | U           |                        | U                    | 0.0020         | 0.00072            | 0.00072                |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7440-62-2     | Vanadium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.00050        | 0.00021            | 0.00021                |                           | mg/l           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL   | SW3010A   | DWE14       |         |                  | 1 7782-49-2     | Selenium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0020         | 0.00050            | 0.00050                |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 100-41-4      | Ethylbenzene                               | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 108-88-3      | Toluene                                    | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 126-98-7      | Methylacrylonitrile                        | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 0.3                | 0.3                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 1330-20-7     | Xylenes, Total                             | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 67-64-1       | Acetone                                    | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 3.0                | 3.0                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 75-05-8       | Acetonitrile                               | Y             | Yes        | N                 | U           |                        | U                    | 2.0            | 7.0                | 7.0                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 75-09-2       | Methylene chloride                         | Y             | Yes        | N                 | U           |                        | U                    | 0.2            | 0.2                | 0.2                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 75-15-0       | Carbon Disulfide                           | Y             | Y          | J                 |             | J                      | J                    | 10             | 0.4                | 0.4                    | 0.6                       | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL   | SW5030B   | DWE14       |         |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 1.0                | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           |                        | U                    | 1              | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | Yes        | N                 | U           |                        | U                    | 4              | 2                  | 2                      |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 108-95-2      | Phenol                                     | Y             | Yes        | N                 | U           |                        | U                    | 1              | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           |                        | U                    | 5              | 2                  | 2                      |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           |                        | U                    | 1              | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | Yes        | N                 | U           |                        | U                    | 1              | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        | MW-23-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515749       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL   | SW3510C   | DWE14       |         |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           |                        | U                    | 1              | 0.5                | 0.5                    |                           | µg/L           | TRG         |                  |
| MW-23        |                     |             |                  |             |                    |               |               |                 |               |               |           |           |             |         |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  | 1 75-15-0       | Carbon Disulfide                           | Y             | Yes        | N                 | U           | U                      | U                    | U              | 1                  | 0.09                   | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8260B         | 3/26/2019 NA  | N             | INITIAL  | SW5030B   | DWF05       |         |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 108-95-2      | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/29/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/31/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C         | 3/31/2019 NA  | N             | INITIAL  | SW3510C   | DWF05       |         |                  | 1 108-39-4      | 3-Methylphenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL  | SW8151A   | DWF05       |         |                  | 1 93-72-1       | Silvex (2,4,5-TP)                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.03           | 0.01               | 0.01                   |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL  | SW8151A   | DWF05       |         |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 0.03           | 0.01               | 0.01                   |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8270C SIM     | 3/27/2019 NA  | N             | INITIAL  | SW8151A   | DWF05       |         |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | Yes        | N                 | U           | U                      | U                    | 0.3            | 0.05               | 0.05                   |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW8315A         | 3/22/2019 NA  | N             | INITIAL  | METHOD    | DWF05       |         |                  | 1 50-00-0       | FORMALDEHYDE                               | Yes           | Y          | Yes               | Y           | U                      | U                    | 50             | 20                 | 20                     | 51                        | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-20190320  | 3/20/2019 N | WG               |             |                    | 1014421       | EuroFins Lan  | SW9012A         | 3/29/2019 NA  | N             | INITIAL  | METHOD    | DWF05       |         |                  | 1 57-12-5       | Cyanide                                    | Yes           | N          | U                 | U           | U                      | U                    | 0.01           | 0.005              | 0.005                  |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | E340.2          | 9/17/2019 NA  | N             | INITIAL  | DWF07     |             |         |                  | 1 16984-48-8    | Fluoride                                   | Yes           | N          | U                 | U           | U                      | U                    | 0.095          | 0.029              | 0.029                  |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | E376.2          | 9/12/2019 NA  | N             | INITIAL  | DWF07     |             |         |                  | 1 18496-25-8    | Sulfide, Reactive                          | Yes           | Y          | N                 | U           | U                      | U                    | 0.01           | 0.005              | 0.005                  |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | E531.1          | 9/14/2019 NA  | N             | INITIAL  | DWF07     |             |         |                  | 1 116-06-3      | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes           | N          | U                 | U           | U                      | U                    | 2              | 1                  | 1                      | 0.21                      | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6010B         | 9/12/2019 NA  | T             | INITIAL  | SW3010A   | DWF07       |         |                  | 1 7440-02-0     | Nickel                                     | N             | Yes        | N                 | U           | U                      | U                    | 0.0031         | 0.0031             | 0.0031                 |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6010B         | 9/12/2019 NA  | T             | INITIAL  | SW3010A   | DWF07       |         |                  | 1 7440-39-3     | Barium                                     | N             | Yes        | N                 | U           | U                      | U                    | 0.005          | 0.00086            | 0.00086                | 0.0274                    | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6010B         | 9/12/2019 NA  | T             | INITIAL  | SW3010A   | DWF07       |         |                  | 1 7440-47-3     | Chromium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.015          | 0.0016             | 0.0016                 |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6010B         | 9/12/2019 NA  | T             | INITIAL  | SW3010A   | DWF07       |         |                  | 1 7440-66-6     | Zinc                                       | N             | Yes        | N                 | UB          | UB                     | J                    | 0.02           | 0.02               | 0.02                   |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6020          | 9/17/2019 NA  | T             | INITIAL  | SW3020A   | DWF07       |         |                  | 1 7440-36-0     | Antimony                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.001          | 0.00041            | 0.00041                |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6020          | 9/17/2019 NA  | T             | INITIAL  | SW3020A   | DWF07       |         |                  | 1 7440-38-2     | Arsenic                                    | N             | Yes        | Y                 | U           | U                      | U                    | 0.002          | 0.00068            | 0.00068                | 0.0129                    | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6020          | 9/17/2019 NA  | T             | INITIAL  | SW3020A   | DWF07       |         |                  | 1 7440-62-2     | Vanadium                                   | N             | Yes        | Y                 | U           | U                      | U                    | 0.0005         | 0.00024            | 0.00024                | 0.00088                   | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW6020          | 9/17/2019 NA  | T             | INITIAL  | SW3020A   | DWF07       |         |                  | 1 7782-49-2     | Selenium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.001          | 0.00028            | 0.00028                |                           | mg/l           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 100-41-4      | Ethylbenzene                               | Y             | Yes        | Y                 | J           | J                      | J                    | 0.5            | 0.05               | 0.05                   | 0.06                      | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 108-88-3      | Toluene                                    | Y             | Yes        | Y                 | J           | J                      | J                    | 0.5            | 0.05               | 0.05                   | 0.1                       | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 126-98-7      | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.3                | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 1330-20-7     | Xylenes, Total                             | Y             | Yes        | Y                 | J           | J                      | J                    | 1              | 0.1                | 0.1                    | 0.5                       | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 67-64-1       | Acetone                                    | Y             | Yes        | N                 | UB          | UB                     | J                    | 5              | 0.1                | 0.1                    |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 75-05-8       | Acetonitrile                               | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 3.9                | 3.9                    |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 75-09-2       | Methylene chloride                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.06               | 0.06                   |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 75-15-0       | Carbon Disulfide                           | Y             | Yes        | Y                 | U           | U                      | U                    | 1              | 0.09               | 0.09                   | 1.1                       | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8260B         | 9/14/2019 NA  | N             | INITIAL  | SW5030B   | DWF07       |         |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.7                | 0.7                    |                           | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 108-95-2      | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 0.1                       |                | µg/L        | TRG              |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  | SW3510C   | DWF07       |         |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    | 1                         | µg/L           | TRG         |                  |     |
| MW-23        | MW-23-09102019  | 9/10/2019 N | WG               |             |                    | 1147305       | EuroFins Lan  | SW8270C         | 9/16/2019 NA  | N             | INITIAL  |           |             |         |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE  | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG       | PERCENT_MOISTURE | DILUTION_FACTOR                            | CAS_RN                           | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |  |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|----------------|---------------|----------|-----------|-------------|--------------|------------------|--------------------------------------------|----------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|--|
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 106-47-8       |                                            | 4-Chloroaniline                  | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 4.2                | 10                     |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 108-95-2       |                                            | Phenol                           | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 110-86-1       |                                            | Pyridine                         | Y             | Yes        | N                 | U           | U                      | U                    | 5.2            | 2.1                | 5.2                    |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 132-64-9       |                                            | Dibenzofuran                     | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 85-01-8        |                                            | Phenanthrene                     | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 86-73-7        |                                            | Fluorene                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 91-20-3        |                                            | Naphthalene                      | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 91-57-6        |                                            | 2-Methylnaphthalene              | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270D         | 11/11/2020 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1  | 1 95-57-8        |                                            | 2-Chlorophenol                   | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270DSIM      | 11/12/2020 NA  | T             | INITIAL  | METHOD    | 410-19389-1 | 1 93-72-1    |                  | Silvex (2,4,5-TP)                          | Yes                              | N             | U          | U                 | U           | U                      | 0.025                | 0.010          | 0.025              |                        | µg/L                      | TRG            |             |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270DSIM      | 11/12/2020 NA  | T             | INITIAL  | METHOD    | 410-19389-1 | 1 93-76-5    |                  | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes                              | N             | U          | U                 | U           | U                      | 0.025                | 0.010          | 0.025              |                        | µg/L                      | TRG            |             |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8270DSIM      | 11/12/2020 NA  | T             | INITIAL  | METHOD    | 410-19389-1 | 1 94-75-7    |                  | 2,4-D (Dichlorophenoxyacetic acid)         | Yes                              | N             | U          | U                 | U           | U                      | 0.25                 | 0.10           | 0.25               |                        | µg/L                      | TRG            |             |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW8315A         | 11/9/2020 NA   | T             | INITIAL  | METHOD    | 410-19389-1 | 1 50-00-0    |                  | FORMALDEHYDE                               | Yes                              | Y             | J          | J                 | J           | J                      | 50                   | 20             | 50                 |                        | 22                        | µg/L           | TRG         |                  |  |
| MW-23        | MW-23-202011104 | 11/4/2020 N |                  | WG          |                    | 410-19552-1   | ELLE          | SW9012B         | 11/11/2020 NA  | T             | INITIAL  | METHOD    | 410-19389-1 | 1 57-12-5    |                  | Cyanide                                    | Yes                              | N             | U          | U                 | U           | U                      | 0.010                | 0.0050         | 0.010              |                        | mg/l                      | TRG            |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | E376.2          | 6/16/2020 NA   | T             | INITIAL  | NONE      | 410-3883-1  | 1 18496-25-8 |                  | Sulfide, Reactive                          | Yes                              | Y             |            |                   |             |                        |                      | 0.30           | 0.10               | 0.30                   |                           | 1.6            | mg/l        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | E531.1          | 6/18/2020 NA   | T             | INITIAL  | METHOD    | 410-3883-1  | 1 116-06-3   |                  | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes                              | N             | U          | U                 | U           | U                      | 2.0                  | 1.0            | 2.0                |                        |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELD PH    |              |                  |                                            | pH (field)                       | N             | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 5.93           | pH UNITS    | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELD_DO    |              |                  |                                            | Dissolved Oxygen-Field           |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 1.84           | mg/l        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELD_ORP   |              |                  |                                            | ORP-Field                        |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | -161.6         | mV          | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELD_TEMP  |              |                  |                                            | Temperature (field)              |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 25.61          | deg c       | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELD_TURB  |              |                  |                                            | Turbidity-Field                  |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 0.84           | ntu         | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | FIELDEC     |              |                  |                                            | Specific Conductance (field)     |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 0.643          | ms/cm       | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020 NA    | N             | INITIAL  |           | WATER LEVEL |              |                  |                                            | Water Level                      |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 22.58          | ft          | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SM4500-F-C      | 6/18/2020 NA   | T             | INITIAL  | METHOD    | 410-3883-1  | 1 16984-48-8 |                  | Fluoride                                   | Yes                              | N             | U          | U                 | U           | U                      | 0.095                | 0.029          | 0.095              |                        |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW5010C         | 6/16/2020 NA   | T             | INITIAL  | INITIAL   | SW3010A     | 410-3883-1   | 1 7440-02-0      |                                            | Nickel                           | N             | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0021             | 0.010                  |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6010C         | 6/16/2020 NA   | T             | INITIAL  | INITIAL   | SW3010A     | 410-3883-1   | 1 7440-39-3      |                                            | Barium                           | N             | Yes        | Y                 |             |                        |                      | 0.0050         | 0.0010             | 0.0050                 |                           | 0.064          | mg/l        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6010C         | 6/16/2020 NA   | T             | INITIAL  | INITIAL   | SW3010A     | 410-3883-1   | 1 7440-47-3      |                                            | Chromium                         | N             | Yes        | N                 | U           | U                      | U                    | 0.015          | 0.0016             | 0.015                  |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6010C         | 6/16/2020 NA   | T             | INITIAL  | INITIAL   | SW3010A     | 410-3883-1   | 1 7440-66-6      |                                            | Zinc                             | N             | Yes        | N                 | U           | U                      | U                    | 0.020          | 0.0037             | 0.020                  |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6020A         | 6/11/2020 NA   | T             | INITIAL  | INITIAL   | SW3020      | 410-3883-1   | 1 7440-36-0      |                                            | Antimony                         | N             | Yes        | N                 | U           | U                      | U                    | 0.0010         | 0.00041            | 0.0010                 |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6020A         | 6/11/2020 NA   | T             | INITIAL  | INITIAL   | SW3020      | 410-3883-1   | 1 7440-38-2      |                                            | Arsenic                          | N             | Yes        | Y                 |             |                        |                      | 0.0020         | 0.00068            | 0.0020                 |                           | 0.0095         | mg/l        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6020A         | 6/11/2020 NA   | T             | INITIAL  | INITIAL   | SW3020      | 410-3883-1   | 1 7782-49-2      |                                            | Selenium                         | N             | Yes        | N                 | U           | U                      | U                    | 0.0010         | 0.00028            | 0.0010                 |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW6020A         | 6/20/2020 NA   | T             | INITIAL  | INITIAL   | SW3020      | 410-3883-1   | 1 7440-62-2      |                                            | Vanadium                         | N             | Yes        | Y                 |             |                        |                      | 0.00050        | 0.00024            | 0.00050                |                           | 0.00072        | mg/l        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 100-41-4       |                                            | Ethylbenzene                     | Y             | Yes        | N                 | U           | U                      | U                    | 0.50           | 0.060              | 0.50                   |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 108-88-3       |                                            | Toluene                          | Y             | Yes        | N                 | UB          | UB                     | J                    | 0.50           | 0.50               | 0.50                   |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 126-98-7       |                                            | Methylacrylonitrile              | Y             | Yes        | N                 | U           | U                      | U                    | 5.0            | 0.30               | 5.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 67-64-1        |                                            | Acetone                          | Y             | Yes        | N                 | UB          | UB                     | J                    | 5.0            | 0.50               | 5.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 74-87-3        |                                            | Chloromethane                    | Y             | Yes        | N                 | U           | U                      | U                    | 0.50           | 0.060              | 0.50                   |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 75-05-8        |                                            | Acetonitrile                     | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 3.0                | 20                     |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 75-09-2        |                                            | Methylene chloride               | Y             | Yes        | N                 | U           | U                      | U                    | 0.50           | 0.070              | 0.50                   |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 75-15-0        |                                            | Carbon Disulfide                 | Y             | Yes        | Y                 | J           | J                      | J                    | 1.0            | 0.060              | 1.0                    |                           | 0.1            | µg/L        | TRG              |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 78-93-3        |                                            | Methyl ethyl ketone (2-Butanone) | Y             | Yes        | N                 | U           | U                      | U                    | 5.0            | 0.60               | 5.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8260C         | 6/23/2020 NA   | T             | INITIAL  | INITIAL   | SW5030      | 410-3883-1   | 1 XYLENES        |                                            | Xylenes, Total                   | Y             | Yes        | N                 | U           | U                      | U                    | 1.0            | 0.15               | 1.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/17/2020 NA   | T             | INITIAL  | INITIAL   | SW3510C     | 410-3883-1   | 1 106-44-5       |                                            | 4-Methylphenol (P-Cresol)        | Yes           | N          | UJ                | UJ          | UJ                     | U*                   | 1.0            | 0.52               | 1.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/17/2020 NA   | T             | INITIAL  | INITIAL   | SW3510C     | 410-3883-1   | 1 108-39-4       |                                            | 3-Methylphenol                   | Yes           | N          | UJ                | UJ          | UJ                     | U*                   | 1.0            | 0.52               | 1.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/18/2020 NA   | T             | INITIAL  | INITIAL   | SW3510C     | 410-3883-1   | 1 106-46-7       |                                            | 1,4-Dichlorobenzene              | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/18/2020 NA   | T             | INITIAL  | INITIAL   | SW3510C     | 410-3883-1   | 1 106-47-8       |                                            | 4-Chloroaniline                  | Y             | Yes        | N                 | U           | U                      | U                    | 1.0            | 0.52               | 1.0                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/18/2020 NA   | T             | INITIAL  | INITIAL   | SW3510C     | 410-3883-1   | 1 108-95-2       |                                            | Phenol                           | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           |                |             |                  |  |
| MW-23        | MW-23-20200609  | 6/9/2020 N  |                  | WG          |                    | 410-3883-13   | ELLE          | SW8270D         | 6/18/2020 NA</ |               |          |           |             |              |                  |                                            |                                  |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | 67-64-1    | Acetone                                    | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 3                      | 5                         |                | 3 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | 75-05-8    | Acetonitrile                               | Y          | Y                 | N           | U                      | U                    | U              | 20                 | 7                      | 20                        |                | 7 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | 75-09-2    | Methylene chloride                         | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.5                       |                | 0.2 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | 75-15-0    | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    | J              | 1                  | 0.4                    | 1                         |                | 0.8 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 1                      | 5                         |                | 1 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE04   | 0                | 1               | XYLENES    | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Y                 | N           | U                      | U                    | U              | 4                  | 2                      | 4                         |                | 2 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 108-95-2   | Phenol                                     | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 110-86-1   | Pyridine                                   | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 118-79-6   | 2,4,6-TRIBROMOPHENOL                       | Y          | Y                 | Y           | Y                      | Y                    | Y              | =                  | =                      | =                         |                | 84 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 13127-88-3 | Phenol-d6                                  | Y          | Y                 | Y           | Y                      | Y                    | Y              | =                  | =                      | =                         |                | 46 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 132-64-9   | Dibenzofuran                               | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 321-60-8   | 2-FLUOROBIPHENYL                           | Y          | Y                 | Y           | Y                      | =                    | =              | =                  | =                      | =                         |                | 78 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 367-12-4   | 2-FLUOROPHENOL                             | Y          | Y                 | Y           | Y                      | =                    | =              | =                  | =                      | =                         |                | 61 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 4165-60-0  | Nitrobenzene-D5                            | Y          | Y                 | Y           | Y                      | =                    | =              | =                  | =                      | =                         |                | 84 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 85-01-8    | Phenanthrene                               | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 86-73-7    | Fluorene                                   | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 91-20-3    | Naphthalene                                | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 98904-43-9 | TERPHENYL-D14                              | Y          | Y                 | Y           | Y                      | =                    | =              | =                  | =                      | =                         |                | 73 %        | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | N                 | X           | X                      | X                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | N                 | N           | X                      | X                    | U              | 4                  | 2                      | 4                         |                | 2 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 108-95-2   | Phenol                                     | Y          | N                 | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 110-86-1   | Pyridine                                   | Y          | N                 | N           | X                      | X                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L      | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 132-64-9   | Dibenzofuran                               | Y          | N                 | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 85-01-8    | Phenanthrene                               | Y          | N                 | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L   | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 86-73-7    | Fluorene                                   | Y          | N                 | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L   | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 91-20-3    | Naphthalene                                | Y          | N                 | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L   | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | N                 | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L   | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972RE     | Lan           | REANALYSIS      | 4/6/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | N                 | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | N                 | N           | UJ                     | UJ                   | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1               | 108-39-4   | 3-Methylphenol                             | Y          | N                 | N           | UJ                     | UJ                   | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L    | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 1071-28-9  | 2,4-Dichlorophenylacetic acid              | Y          | Y                 | N           | U                      | U                    | U              | 0.015              | 0.0033                 | 0.0033                    |                | 103 %       | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | N                 | U           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.0096                    |                | 0.0096 µg/L | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | N                 | U           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.0096                    |                | 0.0096 µg/L | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | N                 | U           | U                      | U                    | U              | 0.24               | 0.048                  | 0.048                     |                | 0.048 µg/L  | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 123-72-8   | N-BUTYRALDEHYDE                            | Y          | Y                 | Y           | Y                      | =                    | =              | =                  | =                      | =                         |                | 120 %       | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 50-00-0    | FORMALDEHYDE                               | Y          | N                 | U           | U                      | J                    | J              | 50                 | 10                     | 50                        |                | 50 µg/L     | TRG              |
| MW-24        | MW-24_170328        | 3/28/2017   | N                | WG          |                    | 8907972       | Lan           | SW9012A         | 4/6/2017      | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1               | 57-12-5    | Cyanide                                    | Y          | N                 | U           | U                      | U                    | U              | 0.01               | 0.005                  | 0.01                      |                | 0.005 mg/l  | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | E340.2          | 10/4/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 1               | 16984-48-8 | Fluoride                                   | Yes        | Y                 | N           | U                      | U                    | U              | 0.095              | 0.029                  | 0.029                     |                | 0.27 mg/l   | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | E376.2          | 9/29/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 1               | 18496-25-8 | Sulfide, Reactive                          | Yes        | N                 | U           | U                      | U                    | J              | 0.1                | 0.03                   | 0.03                      |                | 0.1 mg/l    | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | E531.1          | 9/28/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes        | N                 | U           | U                      | U                    | J              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.004                  | 0.004                     |                | mg/l        | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 1               | 7440-39-3  | Barium                                     | N          | Yes               | Y           | N                      | U                    | U              | 0.005              | 0.00085                | 0.00085                   |                | 0.0219 mg/l | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0033                 | 0.0033                    |                | mg/l        | TRG              |
| MW-24        | MW-24-WG-09262017-N | 9/26/2017   | N                | WG          |                    | 9231280       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.0065                 | 0.0065                    |                | mg/l        | TRG              |
|              |                     |             |                  |             |                    |               |               |                 |               |               |          |            |             |         |                  |                 |            |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | E376.2          | 10/1/2018 NA  | N             | INITIAL  |           |             | DWF01   |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | E531.1          | 10/2/2018 NA  | N             | INITIAL  |           |             | DWF01   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         | N                |                 | 1 7440-39-3  | Barium                                     |            | Yes               | Y           |                        |                      |                | 0.005              | 0.001                  | 0.001                     | 0.0253         | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         | N                |                 | 1 7440-47-3  | Chromium                                   |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         | N                |                 | 1 7440-66-6  | Zinc                                       |            | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.003                  | 0.003                     | 0.0119         | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         | N                |                 | 1 7440-36-0  | Antimony                                   |            | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         | N                |                 | 1 7440-38-2  | Arsenic                                    |            | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         | N                |                 | 1 7782-49-2  | Selenium                                   |            | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00065                | 0.00065                   |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW6020          | 10/10/2018 NA | T             | INITIAL  | SW3020A   | DWF01       |         | N                |                 | 1 7440-62-2  | Vanadium                                   |            | Yes               | N           | UB                     | UB                   | J              | 0.001              | 0.001                  | 0.001                     |                | mg/l        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 108-88-3   | Toluene                                    |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 1330-20-7  | Xylenes, Total                             |            | Yes               | N           | U                      | U                    | U              | 0.5                | 0.08                   | 0.08                      |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 67-64-1    | Acetone                                    |            | Y                 | Yes         | Y                      | J                    | J              | J                  | 5                      | 1.1                       | 1.1            | 1.3         | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 75-05-8    | Acetonitrile                               |            | Y                 | Yes         | N                      | U                    | U              | U                  | 20                     | 3.9                       | 3.9            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 75-09-2    | Methylene chloride                         |            | Y                 | Yes         | N                      | U                    | U              | U                  | 0.5                    | 0.06                      | 0.06           |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 75-15-0    | Carbon Disulfide                           |            | Y                 | Yes         | N                      | U                    | U              | U                  | 1                      | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           |            | Y                 | Yes         | N                      | U                    | U              | U                  | 5                      | 0.7                       | 0.7            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        |            | Y                 | Yes         | N                      | U                    | U              | U                  | 2                      | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 108-47-8   | 4-Chloroaniline                            |            | Y                 | Yes         | N                      | U                    | U              | U                  | 10                     | 4                         | 4              |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 108-95-2   | Phenol                                     |            | Y                 | Yes         | N                      | U                    | U              | U                  | 2                      | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 110-86-1   | Pyridine                                   |            | Y                 | Yes         | N                      | U                    | U              | U                  | 5                      | 2                         | 2              |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 132-64-9   | Dibenzofuran                               |            | Y                 | Yes         | N                      | U                    | U              | U                  | 2                      | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 85-01-8    | Phenanthrene                               |            | Y                 | Yes         | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 86-73-7    | Fluorene                                   |            | Y                 | Yes         | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 91-20-3    | Naphthalene                                |            | Y                 | Yes         | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 91-57-6    | 2-Methylnaphthalene                        |            | Y                 | Yes         | N                      | U                    | U              | U                  | 0.5                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/3/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 95-57-8    | 2-Chlorophenol                             |            | Y                 | Yes         | N                      | U                    | U              | U                  | 2                      | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C         | 10/9/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         | Y                |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 4                  | 2                      | 2                         |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF01       |         | Y                |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF01       |         | Y                |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8270C SIM     | 10/8/2018 NA  | N             | INITIAL  | SW8151A   | DWF01       |         | Y                |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW8315A         | 9/26/2018 NA  | N             | INITIAL  | METHOD    | DWF01       |         | Y                |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | N           | J                      | J                    | J              | 20                 | 50                     | 20                        |                | µg/L        | TRG              |     |
| MW-24        | MW-24_20182509  | 9/25/2018 N | WG               |             |                    | 9822049       | EuroFins Lan  | SW9012A         | 10/2/2018 NA  | N             | INITIAL  | METHOD    | DWF01       |         | Y                |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD PH     | pH (field)                                 | N          | Y                 | Y           | Y                      |                      |                |                    |                        |                           | 6.55           | s.u.        | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_DO     | Dissolved Oxygen-Field                     |            | Y                 | Y           | Y                      |                      |                |                    |                        |                           | 0.5            | mg/l        | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_EH     | Field Eh                                   |            | Y                 | Y           | Y                      |                      |                |                    |                        |                           | 0.267          | ms/cm       | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_TEMP   | Temperature (field)                        |            | Y                 | Y           | Y                      |                      |                |                    |                        |                           | 20.8           | deg c       | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | FIELD_TURB   | Turbidity-Field                            |            | Y                 | Y           | Y                      |                      |                |                    |                        |                           | 16.5           | ntu         | TRG              |     |
| MW-24        | MW-24           | 9/25/2018 N | WG               |             |                    |               |               | FIELD MEASURE   | 9/25/2018 NA  | N             | INITIAL  |           |             |         |                  |                 | ORP          | Oxidation Reduction Potential              |            | Y                 | Y           |                        |                      |                |                    |                        |                           | -248.8         | mV          | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | E340.2          | 3/29/2019 NA  | N             | INITIAL  | E300      | DWF05       |         |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | Y           |                        |                      |                | 0.092              | 0.028                  | 0.028                     |                | 0.26        | mg/l             | TRG |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | E376.2          | 3/23/2019 NA  | N             | INITIAL  |           | DWF05       |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | E531.1          | 3/23/2019 NA  | N             | INITIAL  |           | DWF05       |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | SW6010B         | 4/2/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 | 0.0031                    |                | mg/l        | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | SW6010B         | 4/2/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         | N                |                 | 1 7440-39-3  | Barium                                     |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    | 0.0207         | mg/l        | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | SW6010B         | 4/2/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         | N                |                 | 1 7440-47-3  | Chromium                                   |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 | 0.0053                    |                | mg/l        | TRG              |     |
| MW-24        | MW-24-20190320  | 3/20/2019 N | WG               |             |                    | 1014425       | EuroFins Lan  | SW6010B         | 4/2/2019 NA   | T             | INITIAL  | SW3010A   | DWF05       |         |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE      | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE  | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|----------------------|-------------|------------------|-------------|---------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 186-73-7        | Fluorene                                   | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 191-20-3        | Naphthalene                                | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 191-57-6        | 2-Methylnaphthalene                        | Y             | Y          | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 195-57-8        | 2-Chlorophenol                             | Y             | Y          | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL    | SW3510C     | DWE04   | 0                | 198904-43-9     | TERPHENYL-D14                              | Y             | Y          | Y                 | Y           | =                      | =                    |                | 92                 | %                      |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1106-46-7       | 1,4-Dichlorobenzene                        | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1106-47-8       | 4-Chloroaniline                            | Y             | N          | N                 | X           | X                      | U                    | 4              | 2                  | 4                      |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1108-95-2       | Phenol                                     | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1110-86-1       | Pyridine                                   | Y             | N          | N                 | X           | X                      | U                    | 5              | 2                  | 5                      |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1132-64-9       | Dibenzofuran                               | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 195-75-5        | Phenanthrene                               | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 186-73-7        | Fluorene                                   | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 191-20-3        | Naphthalene                                | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 191-57-6        | 2-Methylnaphthalene                        | Y             | N          | N                 | X           | X                      | U                    | 0.5            | 0.09               | 0.5                    | 0.09                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964RE     | Lan           | SW8270C         | 4/6/2017      | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 195-57-8        | 2-Chlorophenol                             | Y             | N          | N                 | X           | X                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1106-44-5       | 4-Methylphenol (P-Cresol)                  | Y             | Y          | N                 | UJ          | UJ                     | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE04   | 0                | 1108-39-4       | 3-Methylphenol                             | Y             | Y          | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.9                    | 0.5                       | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 119719-28-9     | 2,4-Dichlorophenylacetic acid              | Y             | Y          |                   |             | =                      | =                    |                |                    |                        |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 193-72-1        | Silvex (2,4,5-TP)                          | Y             | Y          | N                 | U           | U                      | U                    | 0.023          | 0.0094             | 0.023                  | 0.0094                    | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 193-76-5        | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | N          | X                 | U           | X                      | =E                   | 0.023          | 0.0094             | 0.023                  | 0.0094                    | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 194-75-7        | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | N          | U                 | U           | U                      | U                    | 0.23           | 0.047              | 0.23                   | 0.047                     | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964DL     | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | DILUTION   | METHOD      | DWE04   | 0                | 93-72-1         | Silvex (2,4,5-TP)                          | Y             | N          | N                 | X           | X                      | U                    | 1.2            | 0.47               | 1.2                    | 0.47                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964DL     | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | DILUTION   | METHOD      | DWE04   | 0                | 93-76-5         | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | N          | N                 | X           | X                      | U                    | 1.2            | 0.47               | 1.2                    | 0.47                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964DL     | Lan           | SW8270SIM       | 4/11/2017     | NA            | T        | DILUTION   | METHOD      | DWE04   | 0                | 94-75-7         | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | N          | N                 | X           | X                      | U                    | 1.2            | 0.47               | 1.2                    | 0.47                      | µg/L           | TRG         |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 1123-72-8       | N-BUTYRALDEHYDE                            | Y             | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 150-00-0        | FORMALDEHYDE                               | Y             | N          | U                 | U           | U                      | J                    | 50             | 10                 | 50                     |                           |                |             |                  |
| MW-25        | MW-25_170328         | 3/28/2017   | N                | WG          |                     | 8907964       | Lan           | SW9012A         | 4/6/2017      | NA            | T        | INITIAL    | METHOD      | DWE04   | 0                | 157-12-5        | Cyanide                                    | Y             | N          | U                 | U           | U                      | U                    | 0.01           | 0.005              | 0.01                   | 0.005                     | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | E340.2          | 10/4/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 116984-48-8     | Fluoride                                   | Yes           | Y          |                   |             |                        |                      | 0.093          | 0.028              | 0.028                  | 0.12                      | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | E376.2          | 9/29/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 118496-25-8     | Sulfide, Reactive                          | Yes           | N          | U                 | U           | U                      | J                    | 0.1            | 0.03               | 0.03                   | 0.1                       | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | E531.1          | 9/28/2017     | NA            | N        | INITIAL    | METHOD      | DWE09   |                  | 1116-06-3       | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes           | N          | U                 | U           | U                      | U                    | 2              | 1                  | 1                      |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-02-0      | Nickel                                     | N             | Yes        | N                 | U           | U                      | U                    | 0.01           | 0.004              | 0.004                  | 0.004                     | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-39-3      | Barium                                     | N             | Yes        | Y                 | U           | U                      | U                    | 0.005          | 0.00085            | 0.00085                | 0.0154                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-47-3      | Chromium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.015          | 0.0033             | 0.0033                 | 0.0033                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-66-6      | Zinc                                       | N             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.0065             | 0.0065                 | 0.0065                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-38-2      | Arsenic                                    | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00072            | 0.00072                | 0.00072                   | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17440-62-2      | Vanadium                                   | N             | Yes        | Y                 | U           | U                      | U                    | 0.0005         | 0.00021            | 0.00021                | 0.0014                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE09   |                  | 17782-49-2      | Selenium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.0005             | 0.0005                 | 0.0005                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 1100-41-4       | Ethylbenzene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 1108-88-3       | Toluene                                    | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 1126-98-7       | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.3                | 0.3                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 11330-20-7      | Xylenes, Total                             | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 167-64-1        | Acetone                                    | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 3                  | 3                      |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 175-05-8        | Acetonitrile                               | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 7                  | 7                      |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 175-09-2        | Methylene chloride                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.2                | 0.2                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 175-15-0        | Carbon Disulfide                           | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.4                | 0.4                    |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8260B         | 9/28/2017     | NA            | N        | INITIAL    | SW5030B     | DWE09   |                  | 178-93-3        | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           |                |             |                  |
| MW-25        | MW-25-WG-09262017-FD | 9/26/2017   | FD               | WG          | MW-25-WG-09262017-N | 9231274       | ELLE          | SW8270C         | 10/5/2017     | NA            | N        | INITIAL    | SW3510C     | DWE09   |                  | 1106-46-7       | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-WG-092         |             |                  |             |                     |               |               |                 |               |               |          |            |             |         |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |      |     |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|------|-----|
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 3.0                    |                           |                | 3.0         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 7.0                    |                           |                | 7.0         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.2                    |                           |                | 0.2         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    | U              | 1.0                | 0.4                    |                           | 0.6            | µg/L        | TRG              |      |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       |         |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    |                           |                | 1.0         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 4                  | 2                      |                           |                | 2           | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | 2           | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | 0.1         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | 0.1         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | 0.1         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    |                           |                | 0.1         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/28/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE14       |         |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   |                           |                | 0.01        | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   |                           |                | 0.01        | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE14       |         |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   |                           |                | 0.05        | µg/L             | TRG  |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW8315A         | 3/25/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Y                 | Y           |                        |                      | U              | 50                 | 10                     |                           | 71             | µg/L        | TRG              |      |     |
| MW-25        | MW-25-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515748       | ELLE          | SW9012A         | 3/29/2018 NA  | N             | INITIAL  | METHOD    | DWE14       |         |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 |                           | 0.0050         |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | E340.2          | 9/28/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.095              | 0.029                  |                           | 0.029          |             | 0.11             | mg/l | TRG |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | E376.2          | 10/1/2018 NA  | N             | INITIAL  | DWF01     |             |         |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    |                           |                | 0.1         | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | ES31.1          | 10/2/2018 NA  | N             | INITIAL  | DWF01     |             |         |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 1                      |                           |                | 1           | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0031                 |                           | 0.0031         |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      | U              | 0.005              | 0.001                  |                           | 0.001          |             | 0.0155           | mg/l | TRG |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0053                 |                           | 0.0053         |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6010B         | 10/5/2018 NA  | T             | INITIAL  | SW3010A   | DWF01       |         |                  |                 | 1 7440-66-6  | Zinc                                       | N          | 0.003             | Y           | J                      | J                    | J              | 0.02               | 0.003                  |                           | 0.003          |             | 0.0107           | mg/l | TRG |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                |                           | 0.00041        |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                |                           | 0.00068        |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6020          | 10/6/2018 NA  | T             | INITIAL  | SW3020A   | DWF01       |         |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00065                |                           | 0.00065        |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW6020          | 10/10/2018 NA | T             | INITIAL  | SW3020A   | DWF01       |         |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | N           | UB                     | UB                   | UB             | 0.0016             | 0.0016                 |                           | 0.0016         |             | mg/l             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   |                           | 0.05           |             | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 100-51-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   |                           | 0.05           |             | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 0.3                | 0.3                    |                           |                | 0.3         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.08                   |                           | 0.08           |             | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1.1                    |                           |                | 1.1         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    |                           |                | 3.9         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   |                           | 0.06           |             | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.09                   |                           | 0.09           |             | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8260B         | 10/4/2018 NA  | N             | INITIAL  | SW5030B   | DWF01       |         |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    |                           |                | 0.7         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8270C         | 10/2/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8270C         | 10/2/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4                      |                           |                | 4           | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8270C         | 10/2/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    |                           |                | 0.5         | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8270C         | 10/2/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      |                           |                | 2           | µg/L             | TRG  |     |
| MW-25        | MW-25-20182509      | 9/25/2018 N | WG               |             |                    | 9822044       | EuroFins Lab  | SW8270C         | 10/2/2018 NA  | N             | INITIAL  | SW3510C   | DWF01       |         |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           |                        |                      |                |                    |                        |                           |                |             |                  |      |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6010B         | 4/1/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  | 1 7440-39-3     | Barium                                     | N             | Yes        |                   |             |                        |                      |                | 0.005              | 0.001                  | 0.001                     | 0.0158         | mg/l        | TRG              |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6010B         | 4/1/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  | 1 7440-47-3     | Chromium                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.015          | 0.0053             | 0.0053                 |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6010B         | 4/1/2019      | NA            | T        | INITIAL    | SW3010A     | DWF04   |                  | 1 7440-66-6     | Zinc                                       | N             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.003              | 0.003                  |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  | 1 7440-36-0     | Antimony                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00041            | 0.00041                |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  | 1 7440-38-2     | Arsenic                                    | N             | Yes        | N                 | U           | U                      | U                    | 0.002          | 0.00068            | 0.00068                |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  | 1 7782-49-2     | Selenium                                   | N             | Yes        | N                 | UJ          | UJ                     | U                    | 0.002          | 0.00065            | 0.00065                |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW6020          | 4/16/2019     | NA            | T        | INITIAL    | SW3020A     | DWF04   |                  | 1 7440-62-2     | Vanadium                                   | N             | Yes        | Y                 |             |                        |                      | 0.001          | 0.00024            | 0.00024                | 0.0012                    | mg/l           | TRG         |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 100-41-4      | Ethylbenzene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.05               | 0.05                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 108-88-3      | Toluene                                    | Y             | Yes        | Y                 | J           | J                      | J                    | 0.5            | 0.05               | 0.05                   |                           | 0.07           | µg/L        |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 126-98-7      | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.3                | 0.3                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 1330-20-7     | Xylenes, Total                             | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.08               | 0.08                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 67-64-1       | Acetone                                    | Y             | Yes        | N                 | UB          | UB                     | J                    | 5              | 5                  | 5                      |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 75-05-8       | Acetonitrile                               | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 3.9                | 3.9                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 75-09-2       | Methylene chloride                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.06               | 0.06                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 75-15-0       | Carbon Disulfide                           | Y             | Yes        | Y                 | J           | J                      | J                    | 1              | 0.09               | 0.09                   |                           | 0.3            | µg/L        |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL    | SW5030B     | DWF04   |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.7                | 0.7                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 108-95-2      | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/27/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 108-95-2      | Phenol                                     | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 110-86-1      | Pyridine                                   | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 132-64-9      | Dibenzofuran                               | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 85-01-8       | Phenanthrene                               | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 86-73-7       | Fluorene                                   | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 91-20-3       | Naphthalene                                | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/29/2019     | NA            | N        | REANALYSIS | SW3510C     | DWF04   |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF04   |                  | 1 108-39-4      | 3-Methylphenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL    | SW8151A     | DWF04   |                  | 1 93-72-1       | Silvex (2,4,5-TP)                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.01               | 0.01                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL    | SW8151A     | DWF04   |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | Yes        | N                 | U           | U                      | U                    | 0.02           | 0.01               | 0.01                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL    | SW8151A     | DWF04   |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | Yes        | N                 | U           | U                      | U                    | 0.2            | 0.05               | 0.05                   |                           |                |             |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW8315A         | 3/22/2019     | NA            | N        | INITIAL    | METHOD      | DWF04   |                  | 1 50-00-0       | FORMALDEHYDE                               | Y             | Yes        | Y                 | J           | J                      | J                    | 50             | 20                 | 20                     |                           | 31             | µg/L        |                  |
| MW-25        | MW-25-20190319  | 3/19/2019   | N                | WG          |                    | 1013295       | EuroFins Lan  | SW9012A         | 3/23/2019     | NA            | N        | INITIAL    | METHOD      | DWF04   |                  | 1 57-12-5       | Cyanide                                    | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 0.01           | 0.005              | 0.005                  |                           |                |             |                  |
| MW-25        | MW-25-091119    | 9/11/2019   | N                | WG          |                    | 1148360       | EuroFins Lan  | E340.2          | 9/18/2019     | NA            | N        | INITIAL    |             | DWF09   |                  | 1 16984-48-8    | Fluoride                                   | Y             | Yes        | Y                 |             |                        |                      | 0.093          | 0.028              | 0.028                  |                           | 0.11           | mg/l        |                  |
| MW-25        | MW-25-091119    | 9/11/2019   | N                | WG          |                    | 1148360       | EuroFins Lan  | E376.2          | 9/13/2019     | NA            | N        | INITIAL    |             | DWF09   |                  | 1 18496-25-8    | Sulfide, Reactive                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.3            | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-091119    | 9/11/2019   | N                | WG          |                    | 1148360       | EuroFins Lan  | E531.1          | 9/18/2019     | NA            | N        | INITIAL    |             | DWF09   |                  | 1 116-06-3      | Aldicarb (sulfide, sulfoxide, and sulfone) | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.1                | 0.1                    |                           |                |             |                  |
| MW-25        | MW-25-091119    | 9/11/2019   | N                | WG          |                    | 1148360       | EuroFins Lan  | SW6010B         | 9/18/2019     |               |          |            |             |         |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SGC     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-25        | MW-25-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-7   | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0095                 | 0.024                     |                | µg/L        | TRG              |
| MW-25        | MW-25-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-7   | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.095                  | 0.24                      |                | µg/L        | TRG              |
| MW-25        | MW-25-202011104 | 11/4/2020   | N                | WG          |                    | 410-19552-7   | ELLE          | SW8315A         | 11/7/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | N           | UJ                     | UJ                   | U              | 50                 | 20                     | 50                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-7   | ELLE          | SW9012B         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | E376.2          | 9/24/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | ES531.1         | 9/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SM4500-F-C      | 9/28/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | Y           |                        | U                    | U              | 0.092              | 0.028                  | 0.092                     | 0.11           | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    | 0.017          | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0018                 | 0.015                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0040             | 0.00079                | 0.0040                    | 0.00099        | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.90                   | 5.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.060                  | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.1                    | 10                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.2                | 2.1                    | 5.2                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.11                   | 0.52                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.12                   | 0.52                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270D         | 9/29/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8270DSIM      | 10/11/2021    | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW8315A         | 9/27/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 60                 | 27                     | 60                        | 38             | µg/L        | TRG              |
| MW-25        | MW-25-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-9   | ELLE          | SW9012B         | 9/24/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-7   | ELLE          | E376.2          | 3/29/2022     | NA            | T        | INITIAL   | NONE        | 410-77155-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | UJ                     | UJ                   | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-25        | MW-25-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-7   | ELLE          | ES531.1         | 3/26/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20220323  | 3/23/2022   | N                | WG          |                    | 410-77352-7   | ELLE          | SM4500-F-C      | 4/1/          |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG       | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | ES31.1          | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 116-06-3       |                 | Aldicarb (sulfide, sulfoxide, and sulfone) |               | Yes        | N                 | U           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SM4500-F-C      | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 16984-48-8     |                 | Fluoride                                   |               | Yes        | N                 | Y           |                        |                      |                | 0.023              | 0.0070                 | 0.023                     | 0.028          | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-02-0      |                 | Nickel                                     | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-39-3      |                 | Barium                                     | N             | Yes        | N                 | Y           |                        |                      | 0.0050         | 0.0010             | 0.0050                 | 0.018                     | mg/l           | TRG         |                  |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-47-3      |                 | Chromium                                   | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-66-6      |                 | Zinc                                       | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-36-0      |                 | Antimony                                   | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-38-2      |                 | Arsenic                                    | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7440-62-2      |                 | Vanadium                                   | N             | Yes        | Y                 | J           | J                      | J                    | J              | 0.0040             | 0.00079                | 0.0040                    | 0.00099        | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1 7782-49-2      |                 | Selenium                                   | N             | Yes        | N                 | U           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 100-41-4       |                 | Ethylbenzene                               | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 108-88-3       |                 | Toluene                                    | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 126-98-7       |                 | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 1330-20-7      |                 | Xylenes, Total                             | Y             | Yes        | N                 | U           | U                      | U                    | U              | 1.0                | 0.070                  | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 67-64-1        |                 | Acetone                                    | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 75-05-8        |                 | Acetonitrile                               | Y             | Yes        | N                 | U           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 75-09-2        |                 | Methylene chloride                         | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 75-15-0        |                 | Carbon Disulfide                           | Y             | Yes        | Y                 | J           | J                      | J                    | Jcn            | 1.0                | 0.10                   | 1.0                       | 0.1            | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8260C         | 4/3/2023      | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1 78-93-3        |                 | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 106-46-7       |                 | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 106-47-8       |                 | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | U              | 10                 | 4.0                    | 10                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 108-95-2       |                 | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 110-86-1       |                 | Pyridine                                   | Y             | Yes        | N                 | U           | U                      | U                    | U              | 5.1                | 2.0                    | 5.1                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 132-64-9       |                 | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 85-01-8        |                 | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.51               | 0.11                   | 0.51                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 86-73-7        |                 | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.51               | 0.12                   | 0.51                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 91-20-3        |                 | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 91-57-6        |                 | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 95-57-8        |                 | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 106-44-5       |                 | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           | U                      | U                    | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270D         | 4/5/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1 108-39-4       |                 | 3-Methylphenol                             | Y             | Yes        | N                 | U           | U                      | U                    | U              | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270DSIM      | 4/4/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 93-72-1        |                 | Silvex (2,4,5-TP)                          | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.023              | 0.0094                 | 0.023                     |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270DSIM      | 4/4/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 93-76-5        |                 | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.023              | 0.0094                 | 0.023                     |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8270DSIM      | 4/4/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 94-75-7        |                 | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.23               | 0.094                  | 0.23                      |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW8315A         | 3/23/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 50-00-0        |                 | FORMALDEHYDE                               | Y             | Yes        | N                 | U           | U                      | U                    | U              | 60                 | 27                     | 60                        |                | µg/L        | TRG              |
| MW-25        | MW-25-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-6  | EuroFins Lan  | SW9012B         | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1 57-12-5        |                 | Cyanide                                    | Y             | Yes        | Y                 | J           | J                      | J                    | J              | 0.010              | 0.0050                 | 0.010                     | 0.007          | mg/L        | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    | 410-3883-8    | ELLE          | ES376.2         | 6/16/2020     | NA            | T        | INITIAL   | NONE        | 410-3883-1   | 1 18496-25-8     |                 | Sulfide, Reactive                          | Y             | Yes        | N                 | U           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    | 410-3883-8    | ELLE          | ES31.1          | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1   | 1 116-06-3       |                 | Aldicarb (sulfide, sulfoxide, and sulfone) | Y             | Yes        | N                 | U           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELD PH         |                 | pH (field)                                 | N             | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 7.29           | pH UNITS    | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELD_DO         |                 | Dissolved Oxygen-Field                     |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 0.28           | mg/l        | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELD_ORP        |                 | ORP-Field                                  |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | -98.6          | mV          | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELD_TEMP       |                 | Temperature (field)                        |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 23.2           | deg c       | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELD_TURB       |                 | Turbidity-Field                            |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 1.32           | ntu         | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | FIELDEC          |                 | Specific Conductance (field)               |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 0.474          | ms/cm       | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    |               |               | FIELD MEASURE   | 6/9/2020      | NA            | N        | INITIAL   |             |              | WATER LEVEL      |                 | Water Level                                |               | Yes        | Y                 |             |                        |                      |                |                    |                        |                           | 21.37          | ft          | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    | 410-3883-8    | ELLE          | SM4500-F-C      | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1   | 1 16984-48-8     |                 | Fluoride                                   | Y             | Yes        | Y                 |             |                        |                      |                | 0.090              | 0.027                  | 0.090                     | 0.11           | mg/l        | TRG              |
| MW-25        | MW-25-20200609  | 6/9/2020    | N                | WG          |                    | 410-3883-8    |               |                 |               |               |          |           |             |              |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|-------------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1132-64-9        |                 |            | Dibenzofuran                               | Y          | No                | N           |                        | UH                   | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 185-01-8         |                 |            | Phenanthrene                               | Y          | No                | N           |                        | UH                   | 0.53           | 0.12               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 86-73-7          |                 |            | Fluorene                                   | Y          | No                | N           |                        | UH                   | 0.53           | 0.13               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 91-20-3          |                 |            | Naphthalene                                | Y          | No                | N           |                        | UH                   | 0.53           | 0.11               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 91-57-6          |                 |            | 2-Methylnaphthalene                        | Y          | No                | N           |                        | UH                   | 0.53           | 0.11               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 195-57-8         |                 |            | 2-Chlorophenol                             | Y          | No                | N           |                        | UH                   | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 193-72-1         |                 |            | Silvex (2,4,5-TP)                          | Yes        | N                 | U           | U                      | U                    | 0.024          | 0.0096             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 193-76-5         |                 |            | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | U           | U                      | U                    | 0.024          | 0.0096             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8270DSIM      | 3/30/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 194-75-7         |                 |            | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | U           | U                      | U                    | 0.24           | 0.096              | 0.24                   |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW8315A         | 3/28/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 150-00-0         |                 |            | FORMALDEHYDE                               | Yes        | N                 | U           | U                      | U                    | 60             | 27                 | 60                     |                           | µg/L           | TRG         |                  |
| MW-25        | MW-25-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-6   | ELLE          | SW9012B         | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 57-12-5          |                 |            | Cyanide                                    | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0050             | 0.010                  |                           | mg/L           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | E340.2          | 4/12/2017     | NA            | T        | INITIAL    | METHOD      | DWE06       | 0                |                 | 16984-48-8 | Fluoride                                   | Y          | N                 | U           | U                      | U                    | 0.098          | 0.027              | 0.098                  |                           | 0.027 mg/L     | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | E376.2          | 4/6/2017      | NA            | T        | INITIAL    | NONE        | DWE06       | 0                |                 | 18496-25-8 | Sulfide, Reactive                          | Y          | Y                 | U           | =                      | =                    | 0.1            | 0.03               | 0.1                    |                           | 0.48 mg/L      | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | ES31.1          | 4/5/2017      | NA            | T        | INITIAL    | NONE        | DWE06       | 0                |                 | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | N                 | U           | U                      | U                    | 2              | 1                  | 2                      |                           | 1 µg/L         | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | ES31.1          | 4/5/2017      | NA            | T        | INITIAL    | NONE        | DWE06       | 0                |                 | 1672-99-1  | 4-BROMO-3,5-DIMETHYLPHENYL                 | Y          | Y                 | U           | =                      | =                    |                |                    |                        |                           | 99 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6010B         | 4/9/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-02-0 | Nickel                                     | N          | Y                 | N           | U                      | U                    | 0.01           | 0.0028             | 0.01                   |                           | 0.0028 mg/L    | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6010B         | 4/9/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-39-3 | Barium                                     | N          | Y                 | Y           | =                      | =                    | 0.005          | 0.0011             | 0.005                  |                           | 0.0245 mg/L    | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6010B         | 4/9/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-47-3 | Chromium                                   | N          | Y                 | N           | U                      | U                    | 0.015          | 0.0018             | 0.015                  |                           | 0.0018 mg/L    | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6010B         | 4/9/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-66-6 | Zinc                                       | N          | Y                 | N           | U                      | U                    | 0.02           | 0.0054             | 0.02                   |                           | 0.0054 mg/L    | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-36-0 | Antimony                                   | N          | Y                 | N           | U                      | U                    | 0.001          | 0.00048            | 0.001                  |                           | 0.00048 mg/L   | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-38-2 | Arsenic                                    | N          | Y                 | N           | U                      | U                    | 0.002          | 0.00068            | 0.002                  |                           | 0.00068 mg/L   | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17440-62-2 | Vanadium                                   | N          | Y                 | Y           | =                      | =                    | 0.0005         | 0.0002             | 0.0005                 |                           | 0.00064 mg/L   | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW6020          | 4/7/2017      | NA            | T        | INITIAL    | TOTAL       | DWE06       | 0                |                 | 17782-49-2 | Selenium                                   | N          | Y                 | N           | U                      | U                    | 0.002          | 0.00044            | 0.002                  |                           | 0.00044 mg/L   | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 100-41-4   | Ethylbenzene                               | Y          | N                 | U           | U                      | U                    | 0.5            | 0.1                | 0.5                    |                           | 0.1 µg/L       | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 108-88-3   | Toluene                                    | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    |                           | 0.1 µg/L       | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 126-98-7   | Methylacrylonitrile                        | Y          | Y                 | N           | U                      | U                    | 5              | 0.3                | 5                      |                           | 0.3 µg/L       | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 1330-20-7  | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | 0.5            | 0.1                | 0.5                    |                           | 0.1 µg/L       | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 17060-07-0 | 1,2-Dichloroethane-d4                      | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 109 %          | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 1868-53-7  | DIBROMOFLUOROMETHANE                       | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 111 %          | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 12037-26-5 | TOLUENE-D8                                 | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 101 %          | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 1460-00-4  | 4-Bromofluorobenzene                       | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 100 %          | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 167-64-1   | Acetone                                    | Y          | Y                 | N           | UJ                     | UJ                   | U              | 5                  | 3                      | 5                         |                | 3 µg/L      | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 75-05-8    | Acetonitrile                               | Y          | Y                 | N           | U                      | U                    | U              | 20                 | 7                      | 20                        |                | 7 µg/L      | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 75-09-2    | Methylene chloride                         | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.5                       |                | 0.2 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 75-15-0    | Carbon Disulfide                           | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.4                    | 1                         |                | 0.4 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 1 µg/L      | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8260B         | 4/10/2017     | NA            | T        | INITIAL    | SW5030B     | DWE06       | 0                |                 | 108-88-3   | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 106-47-8   | 4-Chloroaniline                            | Y          | Y                 | N           | U                      | U                    | U              | 4                  | 2                      | 4                         |                | 2 µg/L      | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 108-95-2   | Phenol                                     | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 110-86-1   | Pyridine                                   | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L      | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 118-79-6   | 2,4,6-TRIBROMOPHENOL                       | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 68 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 13127-88-3 | Phenol-d6                                  | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 27 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 132-64-9   | Dibenzofuran                               | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 1321-60-8  | 2-FLUOROBIPHENYL                           | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 65 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 1367-12-4  | 2-FLUOROPHENOL                             | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 31 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 1485-60-0  | Nitrobenzene-D5                            | Y          | Y                 | Y           | =                      | =                    |                |                    |                        |                           | 69 %           | TRG         |                  |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 85-01-8    | Phenanthrene                               | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L    | TRG              |
| MW-34        | MW-34_170330    | 3/30/2017   | N                | WG          |                    | 8913690       | Lan           | SW8270C         | 4/7/2017      | NA            | T        | INITIAL    | SW3510C     | DWE06       | 0                |                 | 86-73-7    | Fluorene                                   | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1</                  |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE         | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN         | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |     |
|--------------|-------------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|--------------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|-----|
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8260B         | 3/30/2018     | NA            | N        | INITIAL   | SW5030B     | DWE15   |                  | 2               | 67-64-1    | Acetone                                    | Y                  | Yes               | N           | U                      | U                    | U              | 10                 | 6.0                    | 6.0                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8260B         | 3/30/2018     | NA            | N        | INITIAL   | SW5030B     | DWE15   |                  | 2               | 75-05-8    | Acetonitrile                               | Y                  | Yes               | N           | U                      | U                    | U              | 40                 | 14                     | 14                        |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8260B         | 3/30/2018     | NA            | N        | INITIAL   | SW5030B     | DWE15   |                  | 2               | 75-09-2    | Methylene chloride                         | Y                  | Yes               | N           | U                      | U                    | U              | 1.0                | 0.4                    | 0.4                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8260B         | 3/30/2018     | NA            | N        | INITIAL   | SW5030B     | DWE15   |                  | 2               | 75-15-0    | Carbon Disulfide                           | Y                  | Yes               | N           | U                      | U                    | U              | 2.0                | 0.8                    | 0.8                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8260B         | 3/30/2018     | NA            | N        | INITIAL   | SW5030B     | DWE15   |                  | 2               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y                  | Yes               | N           | U                      | U                    | U              | 10                 | 2.0                    | 2.0                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y                  | Yes               | N           | U                      | U                    | U              | 4                  | 2                      | 2                         |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 108-95-2   | Phenol                                     | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 110-86-1   | Pyridine                                   | Y                  | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 132-64-9   | Dibenzofuran                               | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 85-01-8    | Phenanthrene                               | Y                  | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 86-73-7    | Fluorene                                   | Y                  | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 91-20-3    | Naphthalene                                | Y                  | Y                 | Y           | Y                      | Y                    | 0.5            | 0.1                | 0.1                    |                           | 1 µg/L         | TRG          |                  |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y                  | Y                 | Y           | J                      | J                    | 0.5            | 0.1                | 0.1                    |                           | 0.2 µg/L       | TRG          |                  |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/30/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C         | 3/30/2018     | NA            | N        | INITIAL   | SW3510C     | DWE15   |                  | 1               | 108-39-4   | 3-Methylphenol                             | Y                  | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE15   |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y                  | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE15   |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y                  | Yes               | N           | U                      | U                    | U              | 0.02               | 0.009                  | 0.009                     |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE15   |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y                  | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L         | TRG              |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW8315A         | 3/25/2018     | NA            | N        | INITIAL   | METHOD      | DWE15   |                  | 1               | 50-00-0    | FORMALDEHYDE                               | Y                  | Y                 | Y           | Y                      | B                    | 50             | 10                 | 10                     |                           | 68 µg/L        | TRG          |                  |     |
| MW-34        | MW-34-WG-032120181455-N | 3/21/2018   | N                | WG          |                    | 9517060       | ELLE          | SW9012A         | 3/29/2018     | NA            | N        | INITIAL   | METHOD      | DWE15   |                  | 1               | 57-12-5    | Cyanide                                    | Y                  | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.0050                    |                | mg/l         | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | E340.2          | 10/9/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  | 1               | 16984-48-8 | Fluoride                                   | Y                  | Yes               | N           | U                      | U                    | U              | 0.015              | 0.028                  | 0.028                     |                | mg/l         | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | E376.2          | 10/4/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  | 1               | 18496-25-8 | Sulfide, Reactive                          | Y                  | Y                 | J           | J                      | J                    | 0.3            | 0.1                | 0.1                    |                           | 0.2 mg/l       | TRG          |                  |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | ES31.1          | 10/5/2018     | NA            | N        | INITIAL   | DWF03       |         |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y                  | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L         | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | ES31.1          | 10/5/2018     | NA            | N        | INITIAL   | DWF03       |         |                  | 1               | 1646-87-3  | Aldicarb sulfatoxide                       | Y                  | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L         | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | ES31.1          | 10/5/2018     | NA            | N        | INITIAL   | DWF03       |         |                  | 1               | 1646-88-4  | Aldicarb sulfone                           | Y                  | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L         | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7439-92-1                                  | Lead               | N                 | Yes         | N                      | U                    | U              | U                  | 0.015                  | 0.0071                    | 0.0071         |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-02-0                                  | Nickel             | N                 | Yes         | N                      | U                    | U              | U                  | 0.01                   | 0.0031                    | 0.0031         |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-22-4                                  | Silver             | N                 | Yes         | N                      | U                    | U              | U                  | 0.01                   | 0.005                     | 0.005          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-31-5                                  | Tin                | N                 | Yes         | N                      | U                    | U              | U                  | 0.05                   | 0.007                     | 0.007          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-39-3                                  | Barium             | N                 | Yes         | Y                      | Y                    | Y              | U                  | 0.005                  | 0.001                     | 0.001          |              | 0.0277 mg/l      | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-41-7                                  | Beryllium          | N                 | Yes         | N                      | U                    | U              | U                  | 0.005                  | 0.001                     | 0.001          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-43-9                                  | Cadmium            | N                 | Yes         | N                      | U                    | U              | U                  | 0.005                  | 0.001                     | 0.001          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-47-3                                  | Chromium           | N                 | Yes         | N                      | U                    | U              | U                  | 0.0053                 | 0.001                     | 0.001          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-48-4                                  | Cobalt             | N                 | Yes         | N                      | U                    | U              | U                  | 0.005                  | 0.0015                    | 0.0015         |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-50-8                                  | Copper             | N                 | Yes         | N                      | U                    | U              | U                  | 0.02                   | 0.0062                    | 0.0062         |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6010B         | 10/9/2018     | NA            | T        | INITIAL   | SW3010A     | DWF03   |                  |                 | 1          | 7440-66-6                                  | Zinc               | N                 | Yes         | N                      | U                    | U              | U                  | 0.02                   | 0.003                     | 0.003          |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL   | SW3020A     | DWF03   |                  |                 | 1          | 7440-28-0                                  | Thallium           | N                 | Yes         | N                      | U                    | U              | U                  | 0.0005                 | 0.00011                   | 0.00011        |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL   | SW3020A     | DWF03   |                  |                 | 1          | 7440-36-0                                  | Antimony           | N                 | Yes         | N                      | U                    | U              | U                  | 0.002                  | 0.00041                   | 0.00041        |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL   | SW3020A     | DWF03   |                  |                 | 1          | 7440-38-2                                  | Arsenic            | N                 | Yes         | N                      | U                    | U              | U                  | 0.002                  | 0.00068                   | 0.00068        |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL   | SW3020A     | DWF03   |                  |                 | 1          | 7440-62-2                                  | Vanadium           | Y                 | Y           | J                      | J                    | J              | 0.001              | 0.00024                | 0.00024                   |                | 0.00059 mg/l | TRG              |     |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW6020          | 10/9/2018     | NA            | T        | INITIAL   | SW3020A     | DWF03   |                  |                 | 1          | 7782-49-2                                  | Selenium           | N                 | Yes         | N                      | U                    | U              | U                  | 0.002                  | 0.00065                   | 0.00065        |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW7470A         | 10/4/2018     | NA            | T        | INITIAL   | METHOD      | DWF03   |                  |                 | 1          | 7439-97-6                                  | Mercury            | N                 | Yes         | N                      | U                    | U              | U                  | 0.0002                 | 0.00005                   | 0.00005        |              | mg/l             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8081A         | 10/24/2018    | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1          | 1024-57-3                                  | Heptacarb epoxide  | Y                 | Yes         | N                      | U                    | U              | U                  | 0.008                  | 0.0018                    | 0.0018         |              | µg/L             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8081A         | 10/24/2018    | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1          | 1031-07-8                                  | Endosulfan sulfate | Y                 | Yes         | N                      | U                    | U              | U                  | 0.016                  | 0.0046                    | 0.0046         |              | µg/L             | TRG |
| MW-34        | MW-34_20182709          | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8081A         | 10/24/2018    | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 |            |                                            |                    |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                       | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|-------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-01-4    | Vinyl chloride                      | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.4                    | 0.4                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-05-8    | Acetonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 100                | 28                     | 28                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-09-2    | Methylene chloride                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-15-0    | Carbon Disulfide                    | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-25-2    | Bromoform                           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-27-4    | Bromodichloromethane                | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-34-3    | 1,1-Dichloroethane                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-35-4    | 1,1-Dichloroethene                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-69-4    | Trichlorofluoromethane              | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.4                    | 0.4                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 75-71-8    | Dichlorodifluoromethane             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.3                    | 0.3                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 76-01-7    | Pentachloroethane                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 78-83-1    | Isobutanol                          | Y          | Yes               | N           | U                      | U                    | U              | 250                | 30                     | 30                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 78-87-5    | 1,2-Dichloropropane                 | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)    | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 1                      | 1                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 79-00-5    | 1,1,2-Trichloroethane               | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 79-01-6    | Trichloroethene (TCE)               | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 79-34-5    | 1,1,2,2-Tetrachloroethane           | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 80-62-6    | Methyl methacrylate                 | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 96-12-8    | 1,2-Dibromo-3-chloropropane         | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1                      | 1                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 96-18-4    | 1,2,3-Trichloropropane              | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.2                    | 0.2                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF03   |                  |                 | 1 97-63-2    | Ethyl methacrylate                  | Y          | Yes               | N           | U                      | U                    | U              | 3                  | 0.4                    | 0.4                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 100-01-6   | 4-Nitroaniline                      | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.9                    | 0.9                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 100-52-7   | 4-Nitrophenol                       | Y          | Yes               | N           | U                      | U                    | U              | 30                 | 10                     | 10                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 100-61-6   | Benzyl alcohol                      | Y          | Yes               | N           | U                      | U                    | U              | 30                 | 10                     | 10                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 100-75-4   | N-Nitrosopiperidine                 | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 101-55-3   | 4-Bromophenyl phenyl ether          | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 105-67-9   | 2,4-Dimethylphenol                  | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 3                      | 3                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 10595-95-6 | N-Nitrosomethylethylamine           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                 | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 106-47-8   | 4-Chloroaniline                     | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4                      | 4                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 106-50-3   | p-Phenylenediamine                  | Y          | Yes               | N           | R                      | R                    | U              | 300                | 75                     | 75                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 108-60-1   | Bis(2-Chloroisopropyl) ether        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 108-95-2   | Phenol                              | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 109-06-8   | 2-Picoline (alpha-Picoline)         | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 110-92-7   | Pyrene                              | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 111-44-4   | Bis(2-Chloroethoxy) ether           | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 111-91-1   | Bis(2-Chloroethoxy) methane         | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 117-81-7   | Bis(2-Ethylhexyl) phthalate         | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 5                      | 5                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 117-84-0   | Di-n-Octyl phthalate                | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 5                      | 5                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 118-74-1   | Hexachlorobenzene                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 119-93-7   | 3,3'-Dimethylbenzidine              | Y          | Yes               | N           | R                      | R                    | U              | 75                 | 25                     | 25                        |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 120-12-7   | Anthracene                          | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 120-58-1   | Isosafrole                          | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4                      | 4                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 120-82-1   | 1,2,4-Trichlorobenzene              | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 120-83-2   | 2,4-Dichlorophenol                  | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 121-14-2   | 2,4-Dinitrotoluene                  | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1                      | 1                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 122-09-8   | alpha, alpha-Dimethylphenethylamine | Y          | Yes               | N           | R                      | R                    | U              | 50                 | 6                      | 6                         |                | ug/L        | TRG              |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018     | NA            | N        | INITIAL   | SW3510C     | DWF03   |                  |                 | 1 123-91-1   | 1,4-Dioxane (P-Dioxane)             | Y</        |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                              | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|------------|-----------|-------------|---------|------------------|-----------------|-------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 92-67-1       | 4-Aminobiphenyl (4-Biphenylamine)   |               | Yes        | N                 | U           | U                      | U                    | 11             | 5                  |                        | 5                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 924-16-3      | N-Nitroso-di-N-butylamine           |               | Yes        | N                 | U           | U                      | U                    | 25             | 12                 |                        | 12                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 930-55-2      | N-Nitrosopyrrolidine                |               | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 94-59-7       | Safrole                             |               | Yes        | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-48-7       | 2-Methylphenol(O-Cresol)            | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-50-1       | 1,2-Dichlorobenzene                 | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-53-4       | 2-Toluidine                         |               | Yes        | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-57-8       | 2-Chlorophenol                      | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-94-3       | 1,2,4,5-Tetrachlorobenzene          | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 95-95-4       | 2,4,5-Trichlorophenol               | Y             | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 98-86-2       | Acetophenone                        |               | Yes        | N                 | U           | U                      | U                    | 10             | 3                  |                        | 3                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 98-95-3       | Nitrobenzene                        |               | Yes        | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 99-09-2       | 3-Nitroaniline                      | Y             | Yes        | N                 | U           | U                      | U                    | 7              | 3                  |                        | 3                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 99-35-4       | 1,3,5-Trinitrobenzene               |               | Yes        | N                 | U           | U                      | U                    | 200            | 97                 |                        | 97                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 99-55-8       | 5-Nitro-o-toluidine                 |               | Yes        | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/7/2018 NA  | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 99-65-0       | 1,3-Dinitrobenzene                  | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/10/2018 NA | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)           |               | Yes        | N                 | U           | U                      | U                    | 4              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/10/2018 NA | N             | INITIAL    | SW3510C   | DWF03       |         |                  | 1 108-39-4      | 3-Methylphenol                      |               | Yes        | N                 | U           | U                      | U                    | 4              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 100-01-6      | 4-Nitroaniline                      | Y             | No         | N                 | U           | U                      | U                    | 3              | 0.9                | 0.9                    | 0.9                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 100-02-7      | 4-Nitrophenol                       | Y             | No         | N                 | U           | U                      | U                    | 30             | 10                 |                        | 10                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 100-51-6      | Benzyl alcohol                      | Y             | No         | N                 | U           | U                      | U                    | 30             | 10                 |                        | 10                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 100-75-4      | N-Nitrosopiperidine                 |               | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 101-55-3      | 4-Bromophenyl phenyl ether          | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 105-67-9      | 2,4-Dimethylphenol                  | Y             | No         | N                 | U           | U                      | U                    | 10             | 3                  |                        | 3                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 10595-95-6    | N-Nitrosomethylethylamine           |               | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 106-46-7      | 1,4-Dichlorobenzene                 | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 106-47-8      | 4-Chloroaniline                     | Y             | No         | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 106-50-3      | p-Phenylenediamine                  |               | No         | N                 | U           | U                      | U                    | 300            | 75                 |                        | 75                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 108-60-1      | Bis(2-Chloroisopropyl) ether        | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 108-95-2      | Phenol                              | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 109-06-8      | 2-Picoline (alpha-Picoline)         |               | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 110-86-1      | Pyridine                            | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 111-44-4      | Bis(2-Chloroethyl) ether            | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 111-91-1      | Bis(2-Chloroethoxy) methane         | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 117-81-7      | Bis(2-Ethylhexyl) phthalate         | Y             | No         | N                 | U           | U                      | U                    | 11             | 5                  |                        | 5                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 117-84-0      | Di-n-Octyl phthalate                | Y             | No         | N                 | U           | U                      | U                    | 11             | 5                  |                        | 5                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 118-74-1      | Hexachlorobenzene                   | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                |                        | 0.1                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 119-93-7      | 3,3'-Dimethylbenzidine              |               | No         | N                 | U           | U                      | U                    | 75             | 25                 |                        | 25                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 120-12-7      | Anthracene                          | Y             | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                |                        | 0.1                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 120-58-1      | Isosafrole                          |               | No         | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 120-82-1      | 1,2,4-Trichlorobenzene              | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 120-83-2      | 2,4-Dichlorophenol                  | Y             | No         | N                 | U           | U                      | U                    | 2              | 0.5                | 0.5                    | 0.5                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 121-14-2      | 2,4-Dinitrotoluene                  | Y             | No         | N                 | U           | U                      | U                    | 5              | 1                  |                        | 1                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 122-09-8      | alpha, alpha-Dimethylphenethylamine |               | No         | N                 | U           | U                      | U                    | 50             | 5                  |                        | 5                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 123-91-1      | 1,4-Dioxane (P-Dioxane)             | Y             | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 126-68-1      | O,O,O-Triethyl phosphorothioate     |               | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 129-00-0      | Pyrene                              |               | No         | N                 | U           | U                      | U                    | 0.5            | 0.1                |                        | 0.1                       | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018 NA | N             | REANALYSIS | SW3510C   | DWF03       |         |                  | 1 130-15-4      | 1,4-Naphthoquinone                  |               | No         | N                 | U           | U                      | U                    | 60             | 25                 |                        | 25                        | µg/L           | TRG         |                  |
| MW-34        | MW-34_20182709  | 9/27/2018 N | WG               |             |                    | 98            |               |                 |               |               |            |           |             |         |                  |                 |                                     |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME                 | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |      |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|--------------------------------------------|-------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|------|-----|
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 94-59-7       | Safrole                                    |                               | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-48-7       | 2-Methylphenol(O-Cresol)                   | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-50-1       | 1,2-Dichlorobenzene                        | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-53-4       | 2-Toluidine                                | Y                             | No         | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-57-8       | 2-Chlorophenol                             | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-94-3       | 1,2,4,5-Tetrachlorobenzene                 | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 95-95-4       | 2,4,5-Trichlorophenol                      | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 98-86-2       | Acetophenone                               | Y                             | No         | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 98-95-3       | Nitrobenzene                               | Y                             | No         | N                 | U           | U                      | U                    | 2              | 0.5                |                        | 0.5                       |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 99-09-2       | 3-Nitroaniline                             | Y                             | No         | N                 | U           | U                      | U                    | 7              | 3                  |                        | 3                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 99-35-4       | 1,3,5-Trinitrobenzene                      | Y                             | No         | N                 | U           | U                      | U                    | 200            | 97                 |                        | 97                        |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 99-55-8       | 5-Nitro-o-toluidine                        | Y                             | No         | N                 | U           | U                      | U                    | 10             | 4                  |                        | 4                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C         | 10/15/2018    | NA            | N        | REANALYSIS | SW3510C     | DWF03   |                  | 1 99-65-0       | 1,3-Dinitrobenzene                         | Y                             | No         | N                 | U           | U                      | U                    | 5              | 2                  |                        | 2                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  | 1 93-72-1       | Silvex (2,4,5-TP)                          | Yes                           | N          | U                 | U           | U                      | U                    | 0.03           | 0.01               |                        | 0.01                      |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes                           | N          | U                 | U           | U                      | U                    | 0.03           | 0.01               |                        | 0.01                      |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | Yes                           | Y          | J                 | J           | J                      | J                    | 0.3            | 0.05               |                        | 0.05                      |                | 0.2         | µg/L             | TRG  |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW8315A         | 10/3/2018     | NA            | N        | INITIAL    | METHOD      | DWF03   |                  | 1 50-00-0       | FORMALDEHYDE                               | Yes                           | Y          | J                 | J           | J                      | J                    | 50             | 10                 |                        | 10                        |                | 300         | µg/L             | TRG  |     |
| MW-34        | MW-34_20182709  | 9/27/2018   | N                | WG          |                    | 9826358       | EuroFins Lan  | SW9012A         | 10/6/2018     | NA            | N        | INITIAL    | METHOD      | DWF03   |                  | 1 57-12-5       | Cyanide                                    | Yes                           | N          | U                 | U           | U                      | U                    | 0.01           | 0.01               |                        | 0.01                      |                | mg/l        | TRG              |      |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | FIELD PH                                   | pH (field)                    | N          | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 5.25        | s.u.             | TRG  |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | FIELD_DO                                   | Dissolved Oxygen-Field        |            | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 0.42        | mg/l             | TRG  |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | FIELD_EH                                   | Field Eh                      |            | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 0.387       | ms/cm            | TRG  |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | FIELD_TEMP                                 | Temperature (field)           |            | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 23.29       | deg c            | TRG  |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | FIELD_TURB                                 | Turbidity-Field               |            | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 0.45        | ntu              | TRG  |     |
| MW-34        | MW-34           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 | ORP                                        | Oxidation Reduction Potential |            | Y                 | Y           |                        |                      |                |                    |                        |                           |                | 80.7        | mV               | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | E340.2          | 3/30/2019     | NA            | N        | INITIAL    | E300        | DWF06   |                  | 1 16984-48-8    | Fluoride                                   | Yes                           | N          | U                 | U           | U                      | U                    | 0.09           | 0.027              |                        | 0.027                     |                | mg/l        | TRG              |      |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | E376.2          | 3/28/2019     | NA            | N        | INITIAL    |             | DWF06   |                  | 1 18496-25-8    | Sulfide, Reactive                          | Yes                           | Y          | J                 | J           | J                      | J                    | 0.3            | 0.1                |                        | 0.1                       |                | 0.18        | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | E531.1          | 3/26/2019     | NA            | N        | INITIAL    |             | DWF06   |                  | 1 116-06-3      | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes                           | N          | U                 | U           | U                      | U                    | 2              | 1                  |                        | 1                         |                | µg/L        | TRG              |      |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  | 1 7440-02-0     | Nickel                                     | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.01               | 0.0031                 |                           | 0.0031         |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  | 1 7440-39-3     | Barium                                     | N                             | Yes        | Y                 | U           | U                      | U                    | U              | 0.005              | 0.001                  |                           | 0.001          |             | 0.026            | mg/l | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  | 1 7440-47-3     | Chromium                                   | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.015              | 0.0053                 |                           | 0.0053         |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  | 1 7440-66-6     | Zinc                                       | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.02               | 0.003                  |                           | 0.003          |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  | 1 7440-36-0     | Antimony                                   | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.002              | 0.00041                |                           | 0.00041        |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  | 1 7440-38-2     | Arsenic                                    | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.002              | 0.00068                |                           | 0.00068        |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  | 1 7440-62-2     | Vanadium                                   | N                             | Yes        | Y                 | J           | J                      | J                    | J              | 0.001              | 0.00024                |                           | 0.00024        |             | 0.00062          | mg/l | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  | 1 7782-49-2     | Selenium                                   | N                             | Yes        | N                 | U           | U                      | U                    | U              | 0.002              | 0.00065                |                           | 0.00065        |             | mg/l             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 100-41-4      | Ethylbenzene                               | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 0.5                | 0.05                   |                           | 0.05           |             | 0.09             | µg/L | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 108-88-3      | Toluene                                    | Y                             | Yes        | Y                 | J           | J                      | J                    | J              | 0.5                | 0.05                   |                           | 0.05           |             | 0.09             | µg/L | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 126-98-7      | Methylacrylonitrile                        | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 5                  | 0.3                    |                           | 0.3            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 1330-20-7     | Xylenes, Total                             | Y                             | Yes        | Y                 | J           | J                      | J                    | J              | 0.5                | 0.08                   |                           | 0.08           |             | 0.2              | µg/L | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 67-64-1       | Acetone                                    | Y                             | Yes        | N                 | UB          | UB                     | J                    | J              | 5                  | 5                      |                           | 5              |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 75-05-8       | Acetonitrile                               | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 20                 | 3.9                    |                           | 3.9            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 75-09-2       | Methylene chloride                         | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 0.5                | 0.06                   |                           | 0.06           |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 75-15-0       | Carbon Disulfide                           | Y                             | Yes        | Y                 | J           | J                      | J                    | J              | 1                  | 0.09                   |                           | 0.09           |             | 0.3              | µg/L | TRG |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 5                  | 0.7                    |                           | 0.7            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 0.9                | 0.5                    |                           | 0.5            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  | 1 108-39-4      | 3-Methylphenol                             | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 0.9                | 0.5                    |                           | 0.5            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 2                  | 0.5                    |                           | 0.5            |             | µg/L             | TRG  |     |
| MW-34        | MW-34-20190321  | 3/21/2019   | N                | WG          |                    | 1015613       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  | 1 106-47-8      | 4-Chloroaniline                            | Y                             | Yes        | N                 | U           | U                      | U                    | U              | 5                  | 2                      |                           |                |             |                  |      |     |

Attachment 1. 2017 to 2023 Groundwater Data  
Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE  | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD  | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|--------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|--------------|---------|------------------|-----------------|--------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 78-87-5          |                 |        | 1,2-Dichloropropane                        | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.15                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 78-93-3          |                 |        | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 1.2                    | 10                        |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 79-00-5          |                 |        | 1,1,2-Trichloroethane                      | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.09                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 79-01-6          |                 |        | Trichloroethene (TCE)                      | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.1                    | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 79-34-5          |                 |        | 1,1,2,2-Tetrachloroethane                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.13                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 87-61-6          |                 |        | 1,2,3-Trichlorobenzene                     | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.54                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 87-68-3          |                 |        | Hexachlorobutadiene                        | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.83                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 91-20-3          |                 |        | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.32                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 95-49-8          |                 |        | 2-Chlorotoluene                            | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.15                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 95-50-1          |                 |        | 1,2-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.15                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 95-63-6          |                 |        | 1,2,4-Trimethylbenzene                     | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.037                  | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 96-12-8          |                 |        | 1,2-Dibromo-3-chloropropane                | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.91                   | 2                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 96-18-4          |                 |        | 1,2,3-Trichloropropane                     | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.24                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 98-06-6          |                 |        | t-Butylbenzene                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.14                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 98-82-8          |                 |        | Isopropylbenzene (cumene)                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.09                   | 1                         |                | µg/L        | TRG              |
| MW-34        | MW-34_20190605  | 5/6/2019 N   | WG               |             |                    | 240-113902-7  | CAN           | SW8260B         | 6/15/2019 NA  | T             | INITIAL  | SW5030    | 240-113902-1 | 1       | 99-87-6          |                 |        | p-Isopropyltoluene                         | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.13                   | 1                         |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | E340.2          | 9/24/2019 NA  | N             | INITIAL  | DWF10     |              | 1       | 16984-48-8       |                 |        | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.09               | 0.027                  | 0.027                     |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | E376.2          | 9/16/2019 NA  | N             | INITIAL  | DWF10     |              | 1       | 18496-25-8       |                 |        | Sulfide, Reactive                          | Y          | Yes               | Y           | J                      | J                    | J              | 0.3                | 0.1                    | 0.1                       | 0.26           | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | E531.1          | 9/24/2019 NA  | N             | INITIAL  | DWF10     |              | 1       | 116-06-3         |                 |        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6010B         | 9/19/2019 NA  | T             | INITIAL  | SW3010A   | DWF10        | 1       | 7440-39-3        |                 |        | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.005              | 0.001                  | 0.001                     | 0.0236         | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6010B         | 9/19/2019 NA  | T             | INITIAL  | SW3010A   | DWF10        | 1       | 7440-47-3        |                 |        | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6010B         | 9/20/2019 NA  | T             | INITIAL  | SW3010A   | DWF10        | 1       | 7440-02-0        |                 |        | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6010B         | 9/20/2019 NA  | T             | INITIAL  | SW3010A   | DWF10        | 1       | 7440-02-0        |                 |        | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6020          | 9/19/2019 NA  | T             | INITIAL  | SW3020A   | DWF10        | 1       | 7440-39-2        |                 |        | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW5020          | 9/19/2019 NA  | T             | INITIAL  | SW3020A   | DWF10        | 1       | 7440-62-2        |                 |        | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.0005             | 0.00024                | 0.00024                   | 0.00068        | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6020          | 9/19/2019 NA  | T             | INITIAL  | SW3020A   | DWF10        | 1       | 7782-49-2        |                 |        | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00028                | 0.00028                   |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW6020          | 9/20/2019 NA  | T             | INITIAL  | SW3020A   | DWF10        | 1       | 7440-36-0        |                 |        | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 100-41-4         |                 |        | Ethylbenzene                               | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      | 0.05           | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 108-88-3         |                 |        | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      | 0.09           | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 126-98-7         |                 |        | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 1330-20-7        |                 |        | Xylenes, Total                             | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.1                    | 0.1                       | 0.2            | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 67-64-1          |                 |        | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 1.1                    | 1.1                       | 2.2            | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 75-05-8          |                 |        | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 75-09-2          |                 |        | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 75-15-0          |                 |        | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1.4                | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8260B         | 9/23/2019 NA  | N             | INITIAL  | SW5030B   | DWF10        | 1       | 78-93-3          |                 |        | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 106-46-7         |                 |        | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 106-47-8         |                 |        | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 108-95-2         |                 |        | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 110-86-1         |                 |        | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 132-64-9         |                 |        | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 85-01-8          |                 |        | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 86-73-7          |                 |        | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 91-20-3          |                 |        | Naphthalene                                | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.1                    | 0.1                       | 1              | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | EuroFins Lan  | SW8270C         | 9/18/2019 NA  | N             | INITIAL  | SW3510C   | DWF10        | 1       | 91-57-6          |                 |        | 2-Methylnaphthalene                        | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.1                    | 0.1                       | 0.2            | µg/L        | TRG              |
| MW-34        | DUP-04-09122019 | 9/12/2019 FD | WG               |             | MW-34-09122019     | 1149125       | Euro          |                 |               |               |          |           |              |         |                  |                 |        |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW6010C         | 11/9/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.00050            | 0.00024                | 0.00050                   | 0.00042        | mg/l        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW6020A         | 11/11/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.90                   | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.0                    | 20                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 0.060              | 1.0                    |                           |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8260C         | 11/13/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1 XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270          | 11/17/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | UJ                     | UJ                   | U*             | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270          | 11/17/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | UJ                     | UJ                   | U              | 1.0                | 0.52                   | 1.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.1                    | 10                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.2                | 2.1                    | 5.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | Y           | J                      | J                    | J              | 0.52               | 0.10                   | 0.52                      | 0.2            | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.027              | 0.011                  | 0.027                     |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.027              | 0.011                  | 0.027                     |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8270DSIM      | 11/12/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.27               | 0.11                   | 0.27                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW8315A         | 11/7/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | N           | U                      | U                    | U              | 50                 | 20                     | 50                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20201104  | 11/4/2020   | N                | WG          |                    | 410-19552-10  | ELLE          | SW9012B         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | E376.2          | 9/29/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | 0.56 mg/l   | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | E531.1          | 10/3/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SM4500-F-C      | 9/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.093                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | µg/L        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-39-3  | Barium                                     |            | Yes               | Y           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    | 0.024          | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     | 0.0016         | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6020A         | 9/30/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6020A         | 9/30/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6020A         | 9/30/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0040             | 0.00079                | 0.0040                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW6020A         | 9/30/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-8   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.90                   | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-             |             |                  |             |                    |               |               |                 |               |               |          |           |             |             |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR                       | CAS_RN | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|---------------------------------------|--------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SM4500-F-C      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 16984-48-8     | Fluoride                              |        |               |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.093                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6010C         | 10/5/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-02-0      | Nickel                                |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6010C         | 10/5/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-39-3      | Barium                                |        |               | N          | Yes               | Y           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    | 0.027          | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6010C         | 10/5/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-47-3      | Chromium                              |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6010C         | 10/5/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-66-6      | Zinc                                  |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-36-0      | Antimony                              |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-38-2      | Arsenic                               |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7440-62-2      | Vanadium                              |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.0040             | 0.00079                | 0.0040                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 | 1 7782-49-2      | Selenium                              |        |               | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | mg/l        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 100-41-4       | Ethylbenzene                          |        |               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 108-88-3       | Toluene                               |        |               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 126-98-7       | Methylacrylonitrile                   |        |               | Y          | Yes               | N           | U                      | U                    | U              | 0.30               | 0.50                   | 0.30                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 1330-20-7      | Xylenes, Total                        |        |               | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.070                  | 1.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 67-64-1        | Acetone                               |        |               | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 75-05-8        | Acetonitrile                          |        |               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 75-09-2        | Methylene chloride                    |        |               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 75-15-0        | Carbon Disulfide                      |        |               | Y          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.10                   | 1.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8260C         | 10/4/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 | 1 78-93-3        | Methyl ethyl ketone (2-Butanone)      |        |               | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 106-46-7       | 1,4-Dichlorobenzene                   |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 106-47-8       | 4-Chloroaniline                       |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 108-95-2       | Phenol                                |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 110-86-1       | Pyridine                              |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 5.4                | 2.2                    | 5.4                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 132-64-9       | Dibenzofuran                          |        |               | Y          | Yes               | N           | U                      | U                    | Ucn            | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 85-01-8        | Phenanthrene                          |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 0.54               | 0.12                   | 0.54                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 86-73-7        | Fluorene                              |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 0.54               | 0.13                   | 0.54                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 91-20-3        | Naphthalene                           |        |               | Y          | No                | Y           | J                      | J                    | Jcn            | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 91-57-6        | 2-Methylnaphthalene                   |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 95-57-8        | 2-Chlorophenol                        |        |               | Y          | No                | N           | U                      | U                    | Ucn            | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 106-46-7       | 1,4-Dichlorobenzene                   |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 106-47-8       | 4-Chloroaniline                       |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 10                 | 4.2                    | 10                        |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 108-95-2       | Phenol                                |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 110-86-1       | Pyridine                              |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 5.2                | 2.1                    | 5.2                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 132-64-9       | Dibenzofuran                          |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 85-01-8        | Phenanthrene                          |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 0.52               | 0.11                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 86-73-7        | Fluorene                              |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 0.52               | 0.13                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 91-20-3        | Naphthalene                           |        |               | Y          | Yes               | Y           | J                      | J                    | H              | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 91-57-6        | 2-Methylnaphthalene                   |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 0.52               | 0.10                   | 0.52                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 95-57-8        | 2-Chlorophenol                        |        |               | Y          | Yes               | N           | UJ                     | UJ                   | UH             | 2.1                | 0.52                   | 2.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 106-44-5       | 4-Methylphenol (P-Cresol)             |        |               | No         | N                 | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/7/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | 1 108-39-4       | 3-Methylphenol                        |        |               | No         | N                 | U           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | REXTRACT1 | SW3510C     | 410-99444-1 | 1 106-44-5       | 4-Methylphenol (P-Cresol)             |        |               | Yes        | N                 | UJ          | UJ                     | UH                   | 1.0            | 0.52               | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | REXTRACT1 | SW3510C     | 410-99444-1 | 1 108-39-4       | 3-Methylphenol                        |        |               | Yes        | N                 | UJ          | UJ                     | UH                   | 1.0            | 0.52               | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 93-72-1        | Silvex (2,4,5-TP)                     |        |               | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.0099             | 0.025                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 93-76-5        | 2,4,5-T (Trichlorophenoxyacetic acid) |        |               | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.0099             | 0.025                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20220926  | 9/26/2022   | N                | WG          |                    | 410-99444-3   | EuroFins Lan  | SW8270DSIM      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 | 1 94-75-7        | 2,4-D (Dichlorophenoxyacetic acid)    |        |               | Yes        | N                 | U           | U                      | U                    | 0.27           | 0.09               |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | UB                     | UB                   | B              | 0.51               | 0.89                   | 0.89                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | UB                     | UB                   | JB             | 0.51               | 0.51                   | 0.51                      |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270D         | 6/23/2020 NA  |               | T        | INITIAL   | SW3510C     | 410-3883-1  |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270DSIM      | 6/26/2020 NA  |               | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Yes        | N                 | UJ          | UJ                     | U*                   | 0.024          | 0.0096             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270DSIM      | 6/26/2020 NA  |               | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | UJ          | UJ                     | U*                   | 0.024          | 0.0096             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8270DSIM      | 6/26/2020 NA  |               | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | U           | U                      | U                    | 0.24           | 0.096              | 0.24                   |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW8315A         | 6/16/2020 NA  |               | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Yes        | Y                 | J           | J                      | JH                   | 50             | 50                 | 34                     |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20200611  | 6/11/2020 N |                  | WG          |                    | 410-4186-6    | ELLE          | SW9012B         | 6/16/2020 NA  |               | T        | INITIAL   | METHOD      | 410-3883-1  |                  |                 | 1 57-12-5    | Cyanide                                    | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0050             | 0.010                  |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | E376.2          | 3/30/2021 NA  |               | T        | INITIAL   | NONE        | 410-33431-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Yes        | Y                 | U           | U                      | U                    | 0.30           | 0.10               | 0.30                   |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | E531.1          | 4/6/2021 NA   |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Yes        | N                 | U           | U                      | U                    | 2.0            | 1.0                | 2.0                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SM4500-F-C      | 3/31/2021 NA  |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 16984-48-8 | Fluoride                                   | Yes        | N                 | U           | U                      | U                    | 0.093          | 0.028              | 0.093                  |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6010C         | 3/29/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | 0.010          | 0.0021             | 0.010                  |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6010C         | 3/29/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           | U                      | U                    | 0.0050         | 0.0010             | 0.0050                 | 0.026                     | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6010C         | 3/29/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | 0.015          | 0.0016             | 0.015                  |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6010C         | 3/29/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | 0.020          | 0.0037             | 0.020                  |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6020A         | 3/30/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | 0.0010         | 0.00041            | 0.0010                 |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6020A         | 3/30/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | 0.0020         | 0.00068            | 0.0020                 |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6020A         | 3/30/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | N           | U                      | U                    | 0.0040         | 0.00079            | 0.0040                 |                           | mg/l           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW6020A         | 3/30/2021 NA  |               | T        | INITIAL   | SW3005      | 410-33431-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | UJ                     | UJ                   | 0.0010         | 0.00028            | 0.0010                 |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | 2.5            | 0.30               | 2.5                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | 2.5            | 0.32               | 2.5                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 126-98-7   | Methylacrylonitrile                        | Yes        | N                 | U           | U                      | U                    | 25             | 1.5                | 25                     |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | 25             | 4.5                | 25                     |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | 100            | 15                 | 100                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | 2.5            | 0.35               | 2.5                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | 5.0            | 0.30               | 5.0                    | 0.33                      | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | 25             | 3.0                | 25                     |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8260C         | 3/30/2021 NA  |               | T        | INITIAL   | SW5030      | 410-33431-1 |                  |                 | 5 XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | 5.0            | 0.75               | 5.0                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270          | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Yes        | N                 | UJ          | UJ                     | U*                   | 1.1            | 0.53               | 1.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270          | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Yes        | N                 | UJ          | UJ                     | U*                   | 1.1            | 0.53               | 1.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 108-95-2   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | 11             | 4.2                | 11                     |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | 5.3            | 2.1                | 5.3                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | 0.53           | 0.12               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | 0.53           | 0.13               | 0.53                   |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | Y           |                        |                      | 0.53           | 0.11               | 0.53                   |                           | 1 µg/L         | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | Y           | J                      | J                    | J              | 0.53               | 0.11                   | 0.53                      |                | 0.2 µg/L    | TRG              |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270D         | 4/1/2021 NA   |               | T        | INITIAL   | SW3510C     | 410-33431-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | 2.1            | 0.53               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270DSIM      | 3/30/2021 NA  |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.0098             | 0.025                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270DSIM      | 3/30/2021 NA  |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.0098             | 0.025                  |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8270DSIM      | 3/30/2021 NA  |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | U           | U                      | U                    | 0.25           | 0.098              | 0.25                   |                           | µg/L           | TRG         |                  |
| MW-34        | MW-34-20210324  | 3/24/2021 N |                  | WG          |                    | 410-33587-6   | ELLE          | SW8315A         | 3/17/2021 NA  |               | T        | INITIAL   | METHOD      | 410-33431-1 |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE      | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE  | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|----------------------|-------------|------------------|-------------|---------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 1868-53-7  | DIBROMOFLUOROMETHANE                       | Y          | Y                 | =           | =                      | =                    | =              |                    |                        |                           |                | 110 %        | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 2037-26-5  | TOLUENE-D8                                 | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 101 %        | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 460-00-4   | 4-Bromofluorobenzene                       | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 96 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 67-64-1    | Acetone                                    | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 3                      | 5                         |                | 3 µg/L       | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 75-05-8    | Acetonitrile                               | Y          | Y                 | N           | U                      | U                    | U              | 20                 | 7                      | 20                        |                | 7 µg/L       | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 75-09-2    | Methylene chloride                         | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.5                       |                | 0.2 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 75-15-0    | Carbon Disulfide                           | Y          | Y                 | Y           | J                      | J                    | J              | 1                  | 0.4                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 1                      | 5                         |                | 1 µg/L       | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL    | SW5030B     | DWE05   | 0                | 1               | 91-05-8    | Xylenes, Total                             | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Y                 | N           | U                      | U                    | U              | 4                  | 0.1                    | 4                         |                | 2 µg/L       | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 108-95-2   | Phenol                                     | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 110-86-1   | Pyridine                                   | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L       | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 118-79-6   | 2,4,6-TRIBROMOPHENOL                       | Y          | Y                 | =           | =                      | =                    | =              |                    |                        |                           |                | 85 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 13127-88-3 | Phenol-d6                                  | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 24 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 132-64-9   | Dibenzofuran                               | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 321-60-8   | 2-FLUOROBIPHENYL                           | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 92 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 367-12-4   | 2-FLUOROPHENOL                             | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 37 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 4165-60-0  | Nitrobenzene-D5                            | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 95 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 85-01-8    | Phenanthrene                               | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 86-73-7    | Fluorene                                   | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 91-20-3    | Naphthalene                                | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/10/2017     | NA            | T        | INITIAL    | SW3510C     | DWE05   | 0                | 1               | 9890-443-9 | TERPHENYL-D14                              | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 84 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/11/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE05   | 0                | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Y                 | N           | UJ                     | UJ                   | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270C         | 4/11/2017     | NA            | T        | REANALYSIS | SW3510C     | DWE05   | 0                | 1               | 108-39-4   | 3-Methylphenol                             | Y          | Y                 | N           | UJ                     | U                    | U              | 1                  | 0.5                    | 1                         |                | 0.5 µg/L     | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 19719-28-9 | 2,4-Dichlorophenylacetic acid              | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 110 %        | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Y                 | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | 0.0096 µg/L  | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Y                 | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | 0.0096 µg/L  | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8270SIM       | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Y                 | N           | U                      | U                    | U              | 0.24               | 0.048                  | 0.24                      |                | 0.048 µg/L   | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 123-72-8   | N-BUTYRALDEHYDE                            | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 93 %         | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW8315A         | 3/31/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 50-00-0    | FORMALDEHYDE                               | Y          | Y                 | N           | U                      | U                    | J              | 50                 | 10                     | 50                        |                | 50 µg/L      | TRG              |
| MW-38        | MW-38_170329-FD      | 3/29/2017   | FD               | WG          | MW-38_170329        | 8910885       | Lan           | SW9012A         | 4/10/2017     | NA            | T        | INITIAL    | METHOD      | DWE05   | 0                | 1               | 57-12-5    | Cyanide                                    | Y          | Y                 | N           | U                      | U                    | J              | 0.01               | 0.005                  | 0.01                      |                | 0.005 mg/L   | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | E340.2          | 10/6/2017     | NA            | N        | INITIAL    | METHOD      | DWE12   | 0                | 1               | 16984-48-8 | Fluoride                                   | Y          | Y                 | N           | U                      | U                    | J              | 0.09               | 0.027                  | 0.09                      |                | 0.027 mg/L   | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | E376.2          | 10/5/2017     | NA            | N        | INITIAL    | METHOD      | DWE12   | 0                | 1               | 18496-25-8 | Sulfide, Reactive                          | Y          | Y                 | N           | U                      | U                    | J              | 0.1                | 0.03                   | 0.1                       |                | 0.03 mg/L    | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | E531.1          | 10/5/2017     | NA            | N        | INITIAL    | METHOD      | DWE12   | 0                | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Y                 | N           | U                      | U                    | J              | 2                  | 1                      | 1                         |                | 1 µg/L       | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.004              | 0.004                  | 0.004                     |                | 0.004 mg/L   | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-39-3  | Barium                                     | N          | Yes               | N           | U                      | U                    | U              | 0.005              | 0.00085                | 0.00085                   |                | 0.0073 mg/L  | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0033                 | 0.0033                    |                | mg/L         | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6010B         | 10/4/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.0065                 | 0.0065                    |                | mg/L         | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00045                | 0.00045                   |                | mg/L         | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00072                | 0.00072                   |                | mg/L         | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | Y                      | Y                    | U              | 0.0005             | 0.00021                | 0.00021                   |                | 0.0062 mg/L  | TRG              |
| MW-38        | MW-38-WG-09282017-FD | 9/28/2017   | FD               | WG          | MW-38-WG-09282017-N | 9237093       | ELLE          | SW6020          | 10/9/2017     | NA            | T        | INITIAL    | SW3010A     | DWE12   | 0                | 1               | 7782-49-2  | Selenium                                   | Y          | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.0005                 | 0.0005                    |                | 0.00097 mg/L | TRG              |
| MW-38</      |                      |             |                  |             |                     |               |               |                 |               |               |          |            |             |         |                  |                 |            |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE          | SAMPLE_DATE  | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE       | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|--------------------------|--------------|------------------|-------------|--------------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-62-2     | Vanadium                                   | N             | Y          | 0.00050           | 0.00021     | 0.00021                |                      | 0.006          | mg/l               | TRG                    |                           |                |             |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7782-49-2     | Selenium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0020         | 0.00050            | 0.00050                |                           |                |             |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW6020          | 4/3/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-36-0     | Antimony                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0010         | 0.00045            | 0.00045                |                           |                | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 100-41-4      | Ethylbenzene                               | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 108-88-3      | Toluene                                    | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | N       |                  | 1 126-98-7      | Methylacrylonitrile                        | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 0.3                | 0.3                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 1330-20-7     | Xylenes, Total                             | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 67-64-1       | Acetone                                    | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 3.0                | 3.0                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 75-05-8       | Acetonitrile                               | Y             | Yes        | N                 | U           |                        | U                    | 20             | 7.0                | 7.0                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 75-09-2       | Methylene chloride                         | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.2                | 0.2                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 75-15-0       | Carbon Disulfide                           | Y             | Yes        | N                 | U           |                        | U                    | 1.0            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 1.0                | 1.0                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 106-46-7      | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           |                        | U                    | 0.9            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 106-47-8      | 4-Chloroaniline                            | Y             | Yes        | N                 | U           |                        | U                    | 4              | 2                  | 2                      |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 108-95-2      | Phenol                                     | Y             | Yes        | N                 | U           |                        | U                    | 0.9            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 110-86-1      | Pyridine                                   | Y             | Yes        | N                 | U           |                        | U                    | 5              | 2                  | 2                      |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 132-64-9      | Dibenzofuran                               | Y             | Yes        | N                 | U           |                        | U                    | 0.9            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 85-01-8       | Phenanthrene                               | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.09               | 0.09                   |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 86-73-7       | Fluorene                                   | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.09               | 0.09                   |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 91-20-3       | Naphthalene                                | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.09               | 0.09                   |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 91-57-6       | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.09               | 0.09                   |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/29/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 95-57-8       | 2-Chlorophenol                             | Y             | Yes        | N                 | U           |                        | U                    | 0.9            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/30/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C         | 3/30/2018 NA  | N             | INITIAL  | SW3510C   | DWE15       | Y       |                  | 1 108-39-4      | 3-Methylphenol                             | Y             | Yes        | N                 | U           |                        | U                    | 0.9            | 0.5                | 0.5                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE15       | Y       |                  | 1 93-72-1       | Silvex (2,4,5-TP)                          | Yes           | N          | U                 |             | U                      | 0.02                 | 0.009          | 0.009              |                        |                           | µg/L           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE15       | Y       |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes           | N          | U                 |             | U                      | 0.02                 | 0.009          | 0.009              |                        |                           | µg/L           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8270C SIM     | 3/29/2018 NA  | N             | INITIAL  | SW8151A   | DWE15       | Y       |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)         | Yes           | N          | U                 |             | U                      | 0.2                  | 0.05           | 0.05               |                        |                           | µg/L           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW8315A         | 3/25/2018 NA  | N             | INITIAL  | METHOD    | DWE15       |         |                  | 1 50-00-0       | FORMALDEHYDE                               | Y             | Y          | B                 | 50          | 10                     |                      |                |                    |                        | 55                        | µg/L           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181010-N  | 3/21/2018 N  |                  | WG          |                          | 9517064       | ELLE          | SW9012A         | 3/29/2018 NA  | N             | INITIAL  | METHOD    | DWE15       |         |                  | 1 57-12-5       | Cyanide                                    | Yes           | N          | U                 |             | U                      | 0.010                | 0.0050         | 0.0050             |                        |                           | mg/l           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | E340.2          | 3/30/2018 NA  | N             | INITIAL  | METHOD    | DWE15       |         |                  | 1 16984-48-8    | Fluoride                                   | Yes           | N          | U                 |             | U                      | 0.093                | 0.028          | 0.028              |                        |                           | mg/l           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | E376.2          | 3/28/2018 NA  | N             | INITIAL  | METHOD    | DWE15       |         |                  | 1 18496-25-8    | Sulfide, Reactive                          | Y             | Y          | U                 |             | U                      | 0.10                 | 0.030          | 0.030              |                        |                           | 0.34           | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | E531.1          | 4/3/2018 NA   | N             | INITIAL  | METHOD    | DWE15       |         |                  | 1 116-06-3      | Aldicarb (sulfide, sulfoxide, and sulfone) | Y             | Yes        | N                 | U           |                        | U                    | 2.0            | 0.54               | 0.54                   |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-02-0     | Nickel                                     | N             | Yes        | N                 | U           |                        | U                    | 0.0100         | 0.0040             | 0.0040                 |                           |                | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-39-3     | Barium                                     | N             | Y          | Y                 | U           |                        | U                    | 0.0050         | 0.00085            | 0.00085                |                           |                | 0.0117      | mg/l             | TRG |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-47-3     | Chromium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0033         | 0.00033            | 0.00033                |                           |                | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6010B         | 3/31/2018 NA  | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-66-6     | Zinc                                       | Yes           | N          | U                 |             | U                      | 0.0200               | 0.0065         | 0.0065             |                        |                           | mg/l           | TRG         |                  |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-38-2     | Arsenic                                    | N             | Yes        | N                 | U           |                        | U                    | 0.0020         | 0.00072            | 0.00072                |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-62-2     | Vanadium                                   | N             | Y          | Y                 | U           |                        | U                    | 0.00050        | 0.00021            | 0.00021                |                           |                | 0.0061      | mg/l             | TRG |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6020          | 4/2/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7782-49-2     | Selenium                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0020         | 0.00050            | 0.00050                |                           |                | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW6020          | 4/3/2018 NA   | N             | INITIAL  | SW3010A   | DWE15       | N       |                  | 1 7440-36-0     | Antimony                                   | N             | Yes        | N                 | U           |                        | U                    | 0.0010         | 0.00045            | 0.00045                |                           |                | mg/l        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 100-41-4      | Ethylbenzene                               | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 108-88-3      | Toluene                                    | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | N       |                  | 1 126-98-7      | Methylacrylonitrile                        | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 0.3                | 0.3                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 1330-20-7     | Xylenes, Total                             | Y             | Yes        | N                 | U           |                        | U                    | 0.5            | 0.1                | 0.1                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          | MW-38-WG-032120181015-FD | 9517065       | ELLE          | SW8260B         | 3/30/2018 NA  | N             | INITIAL  | SW5030B   | DWE15       | Y       |                  | 1 67-64-1       | Acetone                                    | Y             | Yes        | N                 | U           |                        | U                    | 5.0            | 3.0                | 3.0                    |                           |                | µg/L        | TRG              |     |
| MW-38        | MW-38-WG-032120181015-FD | 3/21/2018 FD |                  | WG          |                          |               |               |                 |               |               |          |           |             |         |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | U                      | U                    | U              | 0.001              | 0.00024                | 0.00024                   | 0.0061         | mg/l        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL   | SW3020A     | DWF06   |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | N           | UJ                     | UJ                   | U              | 0.002              | 0.00065                | 0.00065                   |                | mg/l        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.08                   | 0.08                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 67-64-1    | Acetone                                    | Y          | Yes               | N           | UBJ                    | UBJ                  | J              | 5                  | 5                      | 5                         |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 75-09-2    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | INITIAL   | SW5030B     | DWF06   |                  | 1               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL   | SW3510C     | DWF06   |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF06   |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF06   |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8270C SIM     | 3/28/2019     | NA            | N        | INITIAL   | SW8151A     | DWF06   |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW8315A         | 3/25/2019     | NA            | N        | INITIAL   | METHOD      | DWF06   |                  | 1               | 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | U                      | U                    | U              | 50                 | 20                     | 20                        | 50             | µg/L        | TRG              |
| MW-38        | MW-38-20190321  | 3/21/2019   | N                | WG          |                    | 1015612       | EuroFins Lan  | SW9012A         | 4/2/2019      | NA            | N        | INITIAL   | METHOD      | DWF06   |                  | 1               | 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | E340.2          | 9/18/2019     | NA            | N        | INITIAL   | DWF09       |         |                  | 1               | 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.028                     |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | E376.2          | 9/13/2019     | NA            | N        | INITIAL   | DWF09       |         |                  | 1               | 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | E531.1          | 9/18/2019     | NA            | N        | INITIAL   | DWF09       |         |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6010B         | 9/18/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6010B         | 9/18/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  | 1               | 7440-39-3  | Barium                                     | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.0016                 | 0.0016                    | 0.0103         | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6010B         | 9/18/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6010B         | 9/18/2019     | NA            | T        | INITIAL   | SW3010A     | DWF09   |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.0037                 | 0.0037                    | 0.0039         | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | U                      | U                    | U              | 0.0005             | 0.00024                | 0.00024                   | 0.0144         | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6020          | 9/18/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.001              | 0.00028                | 0.00028                   | 0.00057        | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF09   |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 67-64-1    | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5                  | 1.1                    | 1.1                       | 2.6            | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         | 9/14/2019     | NA            | N        | INITIAL   | SW5030B     | DWF09   |                  | 1               | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-38        | MW-38-091119    | 9/11/2019   | N                | WG          |                    | 1148361       | EuroFins Lan  | SW8260B         |               |               |          |           |             |         |                  |                 |            |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

Attachment 1. 2017 to 2023 Groundwater Data  
Appendix G - Ecological Risk Assessment  
UCC Woodbine, Camden County, Georgia

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  | 1               | 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.90                   | 5.0                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | J8             | 1.0                | 1.0                    | 1.0                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8260C         | 10/1/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | XYLENES    | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 94-75-7    | 2,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 4.3                    | 11                        |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.13                   | 0.54                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270D         | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 | Y                |                 | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270DSIM      | 10/2/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270DSIM      | 10/2/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8270DSIM      | 10/2/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW8315A         | 9/26/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | U              | 60                 | 27                     | 60                        |                | µg/L         | TRG              |
| MW-38        | MW-38-20210922  | 9/22/2021   | N                | WG          |                    | 410-56187-5   | ELLE          | SW9012B         | 9/27/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | E376.2          | 3/28/2022     | NA            | T        | INITIAL   | NONE        | 410-77155-1 |                  |                 | 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | E531.1          | 3/25/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SM4500-F-C      | 3/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.092                     |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6010C         | 3/26/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-02-0  | Nickel                                     | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6010C         | 3/26/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-39-3  | Barium                                     | Y          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    |                | 0.028 mg/l   | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6010C         | 3/26/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-47-3  | Chromium                                   | Y          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0030                 | 0.015                     |                | 0.005 mg/l   | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6010C         | 3/26/2022     | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-66-6  | Zinc                                       | Y          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6020A         | 4/4/2022      | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-36-0  | Antimony                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6020A         | 4/4/2022      | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-38-2  | Arsenic                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                | mg/l         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6020A         | 4/4/2022      | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7440-02-0  | Vanadium                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.00079            | 0.00040                | 0.00079                   |                | 0.0044 mg/l  | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW6020A         | 4/4/2022      | NA            | T        | INITIAL   | SW3005      | 410-77155-1 | N                |                 | 7782-49-2  | Selenium                                   | Y          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    |                | 0.00085 mg/l | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | Ucn            | 0.50               | 0.060                  | 0.50                      |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 108-88-3   | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | Jcn            | 0.50               | 0.070                  | 0.50                      |                | 0.15 µg/L    | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | Ucn            | 5.0                | 0.30                   | 5.0                       |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | Ucn            | 5.0                | 0.90                   | 5.0                       |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | Ucn            | 10                 | 5.0                    | 10                        |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | Ucn            | 0.50               | 0.070                  | 0.50                      |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | Jcn            | 1.0                | 1.0                    | 1.0                       |                | µg/L         | TRG              |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          | SW8260C         | 3/24/2022     | NA            | T        | INITIAL   | SW5030      | 410-77155-1 | Y                |                 | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | Ucn                  | 5.0            | 0.60               | 5.0                    |                           | µg/L           | TRG          |                  |
| MW-38        | DUP-01-20220322 | 3/22/2022   | FD               | WG          | MW-38-20220322     | 410-77155-14  | ELLE          |                 |               |               |          |           |             |             |                  |                 |            |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE    | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                           | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|------------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|-----------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-43-9  | Cadmium                                 | N          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-47-3  | Chromium                                | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-48-4  | Cobalt                                  | N          | Yes               | N           | U                      | U                    | U              | 0.0050             | 0.0015                 | 0.0050                    |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-50-8  | Copper                                  | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0080                 | 0.020                     |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/8/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-66-6  | Zinc                                    | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6010C         | 10/10/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-22-4  | Silver                                  | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0040                 | 0.010                     |                | mg/l        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-28-0  | Thallium                                | N          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.13                   | 0.50                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-36-0  | Antimony                                | N          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.20                   | 1.0                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-38-2  | Arsenic                                 | N          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.68                   | 2.0                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-62-2  | Vanadium                                | N          | Yes               | Y           | J                      | J                    | J              | 4.0                | 0.79                   | 4.0                       |                | 2.6 µg/L    | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW6020A         | 10/6/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7782-49-2  | Selenium                                | N          | Yes               | Y           | J                      | J                    | J              | 1.0                | 0.43                   | 1.0                       |                | 0.4 µg/L    | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW7470A         | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 7439-97-6  | Mercury                                 | N          | Yes               | N           | U                      | U                    | U              | 0.20               | 0.079                  | 0.20                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 1024-57-3  | Heptaclor epoxide                       | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0025                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 1031-07-8  | Endosulfan sulfate                      | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0062                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 143-50-0   | Kepone                                  | Y          | Yes               | N           | U                      | U                    | U              | 0.21               | 0.075                  | 0.21                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 309-00-2   | Aldrin                                  | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0021                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 319-84-6   | alpha-BHC (alpha hexachlorocyclohexane) | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0032                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 319-85-7   | beta-BHC (beta hexachlorocyclohexane)   | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.012                  | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 319-86-8   | delta-BHC                               | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0036                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 33213-65-9 | Endosulfan II                           | Y          | Yes               | N           | U                      | U                    | U              | 0.043              | 0.016                  | 0.043                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 50-29-3    | p,p'-DDT                                | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0056                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 5103-71-9  | alpha-Chlordane                         | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0032                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 5103-74-2  | gamma-Chlordane                         | Y          | Yes               | N           | U                      | U                    | U              | 0.043              | 0.0075                 | 0.043                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 53494-70-5 | Endrin ketone                           | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0053                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 57-74-9    | Chlordane                               | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.17                   | 0.53                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 58-89-9    | gamma-BHC (lindane)                     | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0021                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 60-57-1    | Dieldrin                                | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0057                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 72-20-8    | Endrin                                  | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0087                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 72-43-5    | Methoxychlor                            | Y          | Yes               | N           | U                      | U                    | U              | 0.12               | 0.032                  | 0.12                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 72-54-8    | p,p'-DDD                                | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0053                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 72-55-9    | p,p'-DDE                                | Y          | Yes               | N           | U                      | U                    | U              | 0.032              | 0.0053                 | 0.032                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 7421-93-4  | Endrin aldehyde                         | Y          | Yes               | N           | U                      | U                    | U              | 0.11               | 0.021                  | 0.11                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 76-44-8    | Heptaclor                               | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0021                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 8001-35-2  | Toxaphene                               | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 0.32                   | 1.1                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8081B         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 859-96-8   | Endosulfan                              | Y          | Yes               | N           | U                      | U                    | U              | 0.021              | 0.0046                 | 0.021                     |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 11096-82-5 | Aroclor 1260                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.078                  | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 11097-69-1 | Aroclor 1254                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.078                  | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 11104-28-2 | Aroclor 1221                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 11141-16-5 | Aroclor 1232                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 12672-29-6 | Aroclor 1248                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.078                  | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 12674-11-2 | Aroclor 1016                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan     | SW8082A         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 53469-21-9 | Aroclor 1242                            | Y          | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | Test America Den | SW8141          | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 298-00-0   | PARATHION, METHYL                       | Y          | Yes               | N           | U                      | U                    | U              | 4.0                | 0.14                   | 4.0                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | Test America Den | SW8141          | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 298-02-2   | PHORATE                                 | Y          | Yes               | N           | U                      | U                    | U              | 1.2                | 0.15                   | 1.2                       |                | µg/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | Test America Den | SW8141          | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     |             |                  |                 |              |                                         |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                   | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|---------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 108-95-2   | Phenol                          | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 109-06-8   | 2-Picoline (alpha-Picoline)     |            | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 110-86-1   | Pyridine                        | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 111-44-4   | Bis(2-Chloroethyl) ether        | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 111-91-1   | Bis(2-Chloroethoxy) methane     | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 117-81-7   | Bis(2-Ethylhexyl) phthalate     | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 117-84-0   | Di-n-Octyl phthalate            | Y          | Yes               | N           | U                      | U                    | U              | 12                 | 5.4                    | 12                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 118-74-1   | Hexachlorobenzene               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 119-93-7   | 3,3'-Dimethylbenzidine          | Y          | Yes               | N           | U                      | U                    | U              | 81                 | 27                     | 81                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 120-12-7   | Anthracene                      | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 120-58-1   | Isoafrrole                      | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 120-82-1   | 1,2,4-Trichlorobenzene          | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 120-83-2   | 2,4-Dichlorophenol              | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 121-14-2   | 2,4-Dinitrotoluene              | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 1.1                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 123-91-1   | 1,4-Dioxane (P-Dioxane)         | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 126-68-1   | O,O,O-Triethyl phosphorothioate | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 129-00-0   | Pyrene                          | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 130-15-4   | 1,4-Naphthoquinone              | Y          | Yes               | N           | R                      | R                    | U*             | 11n                | 27                     | 110                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 131-11-3   | Dimethyl phthalate              | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 132-64-9   | Dibenzofuran                    | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 134-32-7   | 1-Naphthylamine                 | Y          | Yes               | N           | U                      | U                    | U              | 23                 | 8.6                    | 23                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 1888-71-7  | Hexachloropropene               | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 191-24-2   | Benzo (ghi-) perylene           | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 193-39-5   | Indeno (1,2,3-c-d) pyrene       | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 205-99-2   | Benzo (b) fluoranthene          | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 206-44-0   | Fluoranthene                    | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 207-08-9   | Benzo (k) fluoranthene          | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 208-96-8   | Acenaphthylene                  | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 218-01-9   | Chrysene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 2303-16-4  | Diallyate, total                | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 23950-58-5 | Propyzamide                     | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 297-97-2   | Thionazin                       | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 465-73-6   | Isodrin                         | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 50-32-8    | Benzo (a) pyrene                | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 51-28-5    | 2,4-Dinitrophenol               | Y          | Yes               | N           | U                      | U                    | U              | 3.2                | 1.1                    | 3.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 510-15-6   | Chlorobenzilate                 | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 3.2                    | 11                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 53-70-3    | Dibenz (ah) anthracene          | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 53-96-3    | 2-Acetylaminofluorene           | Y          | Yes               | N           | U                      | U                    | U              | 23                 | 11                     | 23                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 534-52-1   | 4,6-Dinitro- 2-Methylphenol     | Y          | Yes               | N           | U                      | U                    | U              | 23                 | 8.6                    | 23                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 541-73-1   | 1,3-Dichlorobenzene             | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 55-18-5    | N-Nitrosodiethylamine           | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 56-49-5    | 3-Methylcholanthrene            | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 56-55-3    | Benzo (a) anthracene            | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 56-57-5    | 4-Nitroquinoline-N-oxide        | Y          | Yes               | N           | U                      | U                    | U              | 65                 | 22                     | 65                        |                | ug/L        | TRG              |
| MW-38        | MW-38-20220926  | 9/26/2022   | N                | WG          |                    | 410-99451-1   | EuroFins Lan  | SW8270D         | 10/6/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 | Y                |                 | 1 57-        |                                 |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |      |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|------|-----|
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               |             |                        |                      |                | 0.0040             | 0.00079                | 0.0040                    |                | 0.0044      | mg/l             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW6020A         | 4/12/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    |                | 0.00038     | mg/l             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | Ucn            | 5.0                | 0.30                   | 5.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.070                  | 1.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | Ucn            | 10                 | 5.0                    | 10                        |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | UB                     | UB                   | Jbcn           | 1.0                | 0.10                   | 1.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8260C         | 4/11/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.2                    | 11                        |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.3                | 2.1                    | 5.3                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.12                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.13                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.11                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.11                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U*             | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U*             | 1.1                | 0.53                   | 1.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U*             | 1.1                | 0.53                   | 1.1                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8270DSIM      | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.26               | 0.10                   | 0.26                      |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW8315A         | 4/4/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           |                        |                      |                | 60                 | 27                     | 60                        |                |             | 66               | µg/L | TRG |
| MW-38        | MW-38-20230329  | 3/29/2023   | N                | WG          |                    | 410-120694-14 | EuroFins Lan  | SW9012B         | 4/10/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | E376.2          | 6/16/2020     | NA            | T        | INITIAL   | NONE        | 410-3883-1   |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | E531.1          | 6/23/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                |             | µg/L             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELD PH                                   | N          | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 5.4         | pH UNITS         | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELD_DO                                   |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 2.29        | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELD_ORP                                  |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 133.3       | mV               | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELD_TEMP                                 |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 24          | deg c            | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELD_TURB                                 |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 0.89        | ntu              | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | FIELDDEC                                   |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 0.17        | ms/cm            | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    |               |               | FIELD MEASURE   | 6/10/2020     | NA            | N        | INITIAL   |             |              |                  |                 |              | WATER LEVEL                                |            | Yes               | Y           |                        |                      |                |                    |                        |                           |                | 22.81       | ft               | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SM4500-F-C      | 6/22/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1   |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.090              | 0.027                  | 0.090                     |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1   |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1   |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    |                |             | 0.012            | mg/l | TRG |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1   |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     |                |             | 0.0017           | mg/l | TRG |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6010C         | 6/12/2020     | NA            | T        | INITIAL   | SW3010A     | 410-3883-1   |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1   |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1   |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | N           | U                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    |                |             | mg/l             | TRG  |     |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6020A         | 6/16/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1   |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      |                | 0.0010             | 0.00028                | 0.0010                    |                |             | 0.0011           | mg/l | TRG |
| MW-38        | MW-38-20200610  | 6/10/2020   | N                | WG          |                    | 410-4022-13   | ELLE          | SW6020A         | 6/20/2020     | NA            | T        | INITIAL   | SW3020      | 410-3883-1   |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      |                | 0.0005             |                        |                           |                |             |                  |      |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD_CODE | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION   | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                | CHEMICAL_NAME                    | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|----------------------|---------------|---------------|------------|-----------|-------------|---------|------------------|-----------------|---------------------------------------|----------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW6010B              | 4/9/2017 NA   | T             | INITIAL    | INITIAL   | TOTAL       | DWE06   | 0                |                 | 1 7440-66-6                           | Zinc                             | N          | Y                 | N           | U                      | U                    | U              | 0.02               | 0.0054                 | 0.02                      |                | 0.0054 mg/l  | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW6020               | 4/11/2017 NA  | T             | INITIAL    | INITIAL   | TOTAL       | DWE06   | 0                |                 | 1 7440-38-0                           | Antimony                         | N          | Y                 | N           | U                      | U                    | U              | 0.001              | 0.00048                | 0.001                     |                | 0.00048 mg/l | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW6020               | 4/11/2017 NA  | T             | INITIAL    | INITIAL   | TOTAL       | DWE06   | 0                |                 | 1 7440-38-2                           | Arsenic                          | N          | Y                 | Y           | =                      | =                    | =              | 0.002              | 0.00068                | 0.002                     |                | 0.0042 mg/l  | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW6020               | 4/11/2017 NA  | T             | INITIAL    | INITIAL   | TOTAL       | DWE06   | 0                |                 | 1 7440-62-2                           | Vanadium                         | N          | Y                 | Y           | =                      | =                    | =              | 0.0005             | 0.0002                 | 0.0005                    |                | 0.002 mg/l   | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW6020               | 4/11/2017 NA  | T             | INITIAL    | INITIAL   | TOTAL       | DWE06   | 0                |                 | 1 7782-49-2                           | Selenium                         | N          | Y                 | J           | J                      | J                    | J              | 0.002              | 0.00044                | 0.002                     |                | 0.00045 mg/l | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 100-41-4                            | Ethylbenzene                     | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 108-88-3                            | Toluene                          | Y          | Y                 | J           | J                      | J                    | J              | 0.5                | 0.1                    | 0.5                       |                | 0.2 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 126-98-7                            | Methylacrylonitrile              | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 0.3                    | 5                         |                | 0.3 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 1330-20-7                           | Xylenes, Total                   | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 17060-07-0                          | 1,2-Dichloroethane-d4            | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 98 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 1868-53-7                           | DIBROMOFUOROMETHANE              | Y          | Y                 | N           | U                      | U                    | U              |                    |                        |                           |                | 101 %        | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 2037-26-5                           | TOLUENE-D8                       | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 101 %        | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 460-00-4                            | 4-Bromofluorobenzene             | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 109 %        | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 67-64-1                             | Acetone                          | Y          | Y                 | Y           | J                      | J                    | J              | 5                  | 3                      | 5                         |                | 27 µg/L      | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 75-05-8                             | Acetonitrile                     | Y          | Y                 | N           | U                      | U                    | U              | 20                 | 7                      | 20                        |                | 7 µg/L       | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 75-09-2                             | Methylene chloride               | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.5                       |                | 0.2 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 75-15-0                             | Carbon Disulfide                 | Y          | Y                 | N           | U                      | U                    | U              | 1                  | 0.4                    | 1                         |                | 0.4 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 78-93-3                             | Methyl ethyl ketone (2-Butanone) | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 1                      | 5                         |                | 1 µg/L       | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8260B              | 4/10/2017 NA  | T             | INITIAL    | INITIAL   | SW5030B     | DWE06   | 0                |                 | 1 XYLENES                             | Xylenes, Total                   | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.5                       |                | 0.1 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 106-46-7                            | 1,4-Dichlorobenzene              | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 106-47-8                            | 4-Chloroaniline                  | Y          | Y                 | N           | U                      | U                    | U              | 4                  | 2                      | 4                         |                | 2 µg/L       | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 108-95-2                            | Phenol                           | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 110-95-1                            | Pyridine                         | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L       | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 118-79-6                            | 2,4,6-TRIBROMOPHENOL             | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 83 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 13127-88-3                          | Phenol-d6                        | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 34 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 132-64-9                            | Dibenzofuran                     | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 321-60-8                            | 2-FLUOROBIPHENYL                 | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 82 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 367-12-4                            | 2-FLUOROPHENOL                   | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 40 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 4165-60-0                           | Nitrobenzene-D5                  | Y          | Y                 | Y           | =                      | =                    | =              |                    |                        |                           |                | 89 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 85-01-8                             | Phenanthrene                     | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L    | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 86-73-7                             | Fluorene                         | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L    | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 91-20-3                             | Naphthalene                      | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L    | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 91-57-6                             | 2-Methylnaphthalene              | Y          | Y                 | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.5                       |                | 0.09 µg/L    | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 95-57-8                             | 2-Chlorophenol                   | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/7/2017 NA   | T             | INITIAL    | INITIAL   | SW3510C     | DWE06   | 0                |                 | 1 9804-43-9                           | TERPHENYL-D14                    | Y          | Y                 | N           | U                      | U                    | U              |                    |                        |                           |                | 83 %         | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/12/2017 NA  | T             | REANALYSIS | SW3510C   | DWE06       | 0       |                  | 1 106-44-5      | 4-Methylphenol (P-Cresol)             | Y                                | Y          | N                 | UJ          | UJ                     | UJ                   | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270C              | 4/12/2017 NA  | T             | REANALYSIS | SW3510C   | DWE06       | 0       |                  | 1 108-39-4      | 3-Methylphenol                        | Y                                | Y          | N                 | UJ          | UJ                     | UJ                   | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270SIM            | 4/12/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 19719-28-9    | 2,4-Dichlorophenylacetic acid         | Y                                | Y          | Y                 | =           | =                      | =                    |                |                    |                        |                           | 115 %          | TRG          |                  |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270SIM            | 4/12/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 93-72-1       | Silvex (2,4,5-TP)                     | Y                                | Y          | N                 | U           | U                      | U                    | U              | 0.024              | 0.0097                 | 0.024                     |                | 0.0097 µg/L  | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270SIM            | 4/12/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 93-76-5       | 2,4,5-T (Trichlorophenoxyacetic acid) | Y                                | Y          | N                 | U           | U                      | U                    | U              | 0.024              | 0.0097                 | 0.024                     |                | 0.0097 µg/L  | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8270SIM            | 4/12/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 94-75-7       | 2,4-D (Dichlorophenoxyacetic acid)    | Y                                | Y          | N                 | U           | U                      | U                    | U              | 0.24               | 0.049                  | 0.24                      |                | 0.049 µg/L   | TRG              |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8315A              | 4/4/2017 NA   | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 123-72-8      | N-BUTYRALDEHYDE                       | Y                                | Y          | N                 | =           | =                      | =                    |                |                    |                        |                           | 109 %          | TRG          |                  |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW8315A              | 4/4/2017 NA   | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 50-00-0       | FORMALDEHYDE                          | N                                | Y          | X                 | X           | X                      | J                    | 50             | 10                 | 50                     |                           | 50 µg/L        | TRG          |                  |
| MW-39        | MW-39_170330    | 3/30/2017 N | WG               |             |                    | 8913698       | lan           | SW9012A              | 4/11/2017 NA  | T             | INITIAL    | METHOD    | DWE06       | 0       |                  | 1 57-12-5       | Cyanide                               | Y                                | N          | U                 | U           | U                      | U                    | 0.01           | 0.005              | 0.01                   |                           | 0.005 mg/l     | TRG          |                  |
| MW-39        | MW-39_170411    | 4/11/2017 N | WG               |             |                    | 8935250       | lan           | SW8315A              | 4/16/2017 NA  | T             | INITIAL    | METHOD    | DWE07       | 0       |                  | 1 123-72-8      | N-BUTYRALDEHYDE                       | Y                                | Y          | N                 | UJ          | UJ                     | UJ                   | U              | 50                 | 10                     | 50                        |                | 50 µg/L      | TRG              |
| MW-39        | MW-39_170927    | 9/27/2017 N | WG               |             |                    | 8935250       | Vista         | SW8315A              | 4/16/2017 NA  | T             | INITIAL    | METHOD    | DWE07       | 0       |                  | 1 50-00-0       | FORMALDEHYDE                          | Y                                | Y          | N                 | UJ          | UJ                     | UJ                   | U              | 0.00337            | 0.00337                | 0.00337                   |                | ng/l         | TRG              |
| MW-39        | MW-39_170927    | 9/27/2017 N | WG               |             |                    | 1701334-01    | Vista         | SW8280               | 10/20/2017 NA | N             | INITIAL    | METHOD    | 1701334     |         |                  | 1 1746-01-6     | 2,3,7,8-Tetrachlorodibenzo-p-dioxin   | Yes                              | N          | U                 | =           | =                      | =                    | U              | 0.00572            | 0.00572                |                           |                | ng/l         | TRG              |
| MW-39        | MW-39_170927    | 9/27/2017 N | WG               |             |                    | 1701334-01    | Vista         | SW8280               | 10/20/2017 NA | N             | INITIAL    | METHOD    | 1701334     |         |                  | 1 30402-15-4    | Total PnCDF                           | Yes                              | N          | U                 | =           | =                      | =                    | U              | 0.00481            | 0.00481                |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                        | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|-----------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 106-93-4      | 1,2-Dibromomethane (Ethylene dibromide)       | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 107-02-8      | Acrolein                                      |               | Yes        | N                 | U           | U                      | U                    | 100            | 40                 | 40                     |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 107-05-1      | Allyl chloride(3-Chloropropene)               |               | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 107-06-2      | 1,2-Dichloroethane                            | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 107-12-0      | Propionitrile                                 |               | Yes        | N                 | U           | U                      | U                    | 100            | 30                 | 30                     |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 107-13-1      | Acrylonitrile                                 |               | Yes        | N                 | U           | U                      | U                    | 20             | 4                  | 4                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 108-05-4      | Vinyl acetate                                 | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 2                  | 2                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 108-10-1      | Methyl isobutyl ketone (4-Methyl-2-pentanone) | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 3                  | 3                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 108-88-3      | Toluene                                       | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 108-90-7      | Chlorobenzene                                 | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 110-57-6      | trans-1,4-Dichloro-2-butene                   |               | Yes        | N                 | U           | U                      | U                    | 50             | 15                 | 15                     |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 110-75-8      | 2-Chloroethyl vinyl ether                     |               | Yes        | N                 | U           | U                      | U                    | 10             | 2                  | 2                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 124-48-1      | Dibromochloromethane                          | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 126-98-7      | Methylacrylonitrile                           | No            | N          | X                 | X           | U                      | 50                   | 10             | 10                 |                        | ug/L                      | TRG            |             |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 126-99-8      | 2-Chloro-1,3-butadiene                        |               | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 127-18-4      | Tetrachloroethylene (PCE)                     | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 1330-20-7     | Xylenes, Total                                | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 156-60-5      | trans-1,2-Dichloroethylene                    | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 56-23-5       | Carbon tetrachloride                          | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 591-78-6      | 2-Hexanone                                    | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 3                  | 3                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 630-20-6      | 1,1,1,2-Tetrachloroethane                     | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 67-64-1       | Acetone                                       | Y             | Yes        | N                 | U           | U                      | U                    | 20             | 6                  | 6                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-29-2       | Bromoform                                     | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 71-43-2       | Benzene                                       | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 71-55-6       | 1,1,1-Trichloroethane                         | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 74-83-9       | Bromomethane                                  | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 74-87-3       | Chloromethane                                 | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 74-88-4       | Methyl iodide                                 | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 74-95-3       | Dibromomethane (Methylene Bromide)            | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-00-3       | Chloroethane                                  | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-01-4       | Vinyl chloride                                | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-05-8       | Acetonitrile                                  | Y             | Yes        | N                 | U           | U                      | U                    | 100            | 25                 | 25                     |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-09-2       | Methylene chloride                            | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-15-0       | Carbon Disulfide                              | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-29-2       | Bromoform                                     | Y             | Yes        | N                 | U           | U                      | U                    | 4              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-27-4       | Bromodichloromethane                          | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-34-3       | 1,1-Dichloroethane                            | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-35-4       | 1,1-Dichloroethene                            | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-69-4       | Trichlorofluoromethane                        | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 75-71-8       | Dichlorodifluoromethane                       | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 76-01-7       | Pentachloroethane                             |               | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 78-83-1       | Isobutanol                                    |               | Yes        | N                 | U           | U                      | U                    | 250            | 100                | 100                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 78-87-5       | 1,2-Dichloropropane                           | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 78-93-3       | Methyl ethyl ketone (2-Butanone)              | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 3                  | 3                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 79-00-5       | 1,1,2-Trichloroethane                         | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 79-01-6       | Trichloroethene (TCE)                         | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 79-34-5       | 1,1,2,2-Tetrachloroethane                     | Y             | Yes        | N                 | U           | U                      | U                    | 1              | 0.5                | 0.5                    |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 80-62-6       | Methyl methacrylate                           |               | Yes        | N                 | U           | U                      | U                    | 5              | 1                  | 1                      |                           | ug/L           | TRG         |                  |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8260B         | 10/3/2017 NA  | N             | INITIAL  | SW5030B   | DWE11       |         |                  | 1 96-12-8       | 1,2-Dibromo-3-chloropropane                   | Y             | Yes        | N                 | U           | U                      | U                    | 5              |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                       | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|------------|-------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 60-51-5  | Dimthoate                           |            | No                | N           | X                      | X                    | U              | 9                  | 3                      | 3                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 606-20-2 | 2,6-Dinitrotoluene                  | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 608-93-5 | Pentachlorobenzene                  |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 62-44-2  | Phenacetin                          |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 62-50-0  | Ethyl Methanesulfonate              |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 62-53-3  | Aniline (phenylamine, aminobenzene) | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 62-75-9  | N-Nitrosodimethylamine              |            | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 621-64-7 | N-Nitrosodi-N-propylamine           | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 66-27-3  | Methyl Methanesulfonate             |            | No                | N           | X                      | X                    | U              | 5                  | 0.9                    | 0.9                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 67-72-1  | Hexachloroethane                    |            | No                | N           | X                      | X                    | U              | 5                  | 0.9                    | 0.9                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 87-68-3  | Hexachlorobutadiene                 | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 77-47-4  | Hexachlorocyclopentadiene           |            | No                | N           | X                      | X                    | U              | 14                 | 5                      | 5                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 78-59-1  | Isophorone                          | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 82-68-8  | Pentachloronitrobenzene             |            | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 83-32-9  | Acenaphthene                        | Y          | No                | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.09                      |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 84-66-2  | Diethyl phthalate                   |            | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 84-74-2  | Di-n-Butyl phthalate                | Y          | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 85-01-8  | Phenanthrene                        |            | No                | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.09                      |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 85-68-7  | Benzyl butyl phthalate              | Y          | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 86-30-6  | N-Nitrosodiphenylamine              |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 86-73-7  | Fluorene                            | Y          | No                | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.09                      |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 87-65-0  | 2,6-Dichlorophenol                  |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 87-68-3  | Hexachlorobutadiene                 |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 87-86-5  | Pentachlorophenol                   | Y          | No                | N           | X                      | X                    | U              | 5                  | 0.9                    | 0.9                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 88-06-2  | 2,4,6-Trichlorophenol               | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 88-74-4  | 2-Nitroaniline                      | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 88-75-5  | 2-Nitrophenol                       | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-20-3  | Naphthalene                         | Y          | No                | Y           | X                      | X                    | J              | 0.5                | 0.09                   | 0.09                      |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-57-6  | 2-Methylnaphthalene                 | Y          | No                | N           | X                      | X                    | U              | 0.5                | 0.09                   | 0.09                      |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-58-7  | 2-Chloronaphthalene                 | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.4                    | 0.4                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-59-8  | 2-Naphthylamine                     |            | No                | N           | X                      | X                    | U              | 14                 | 5                      | 5                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-80-5  | Methapyrilene                       |            | No                | N           | X                      | X                    | U              | 47                 | 14                     | 14                        |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 91-94-1  | 3,3'-Dichlorobenzidine              | Y          | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 92-67-1  | 4-Aminobiphenyl (4-Biphenylamine)   |            | No                | N           | X                      | X                    | UJ             | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 924-16-3 | N-Nitroso-di-N-butylamine           |            | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 930-55-2 | N-Nitrosopyrrolidine                |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 94-59-7  | Safrole                             |            | No                | N           | X                      | X                    | U              | 5                  | 2                      | 2                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-48-7  | 2-Methylphenol (O-Cresol)           | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-50-1  | 1,2-Dichlorobenzene                 | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-53-4  | 2-Toluidine                         |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-57-8  | 2-Chlorophenol                      | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-94-3  | 1,2,4,5-Tetrachlorobenzene          | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 95-95-4  | 2,4,5-Trichlorophenol               | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 98-86-2  | Acetophenone                        |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 98-95-3  | Nitrobenzene                        |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 99-09-2  | 3-Nitroaniline                      | Y          | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 99-35-4  | 1,3,5-Trinitrobenzene               |            | No                | N           | X                      | X                    | U              | 14                 | 5                      | 5                         |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N |                  | WG          |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             |          | REANALYSIS | SW3510C     | DWE11   |                  |                 | 1 99-55-8  | 5-Nitro-o-toluidine                 |            | No                | N           | X                      | X                    | U              | 0.9                | 0.5                    | 0.5                       |                | ug/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/2         |                  |             |                    |               |               |                 |               |               |          |            |             |         |                  |                 |            |                                     |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|---------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 62-53-3        |                 | Aniline (phenylamine, aminobenzene)   | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 62-75-9        |                 | N-Nitrosodimethylamine                | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 621-64-7       |                 | N-Nitrosodi-N-propylamine             | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 66-27-3        |                 | Methyl Methanesulfonate               | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.9                | 0.9                    |                           | 0.9            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 67-72-1        |                 | Hexachloroethane                      | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.9                | 0.9                    |                           | 0.9            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 7005-72-3      |                 | 4-Chlorophenyl phenyl ether           | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 77-47-4        |                 | Hexachlorocyclopentadiene             | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 14             | 5                  | 5                      |                           | 5              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 78-59-1        |                 | Isophorone                            | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 82-68-8        |                 | Pentachloronitrobenzene               | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 83-32-9        |                 | Acenaphthene                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | 0.09           | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 84-66-2        |                 | Diethyl phthalate                     | Y             | Yes        | N                 | U           | J                      | J                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 84-74-2        |                 | Di-n-Butyl phthalate                  | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 85-01-8        |                 | Phenanthrene                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | 0.09           | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 85-68-7        |                 | Benzyl butyl phthalate                | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 86-30-6        |                 | N-Nitrosodiphenylamine                | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 86-73-7        |                 | Fluorene                              | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | 0.09           | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 87-65-0        |                 | 2,6-Dichlorophenol                    | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 87-68-3        |                 | Hexachlorobutadiene                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 87-86-5        |                 | Pentachlorophenol                     | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 0.9                | 0.9                    |                           | 0.9            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 88-06-2        |                 | 2,4,6-Trichlorophenol                 | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 88-74-4        |                 | 2-Nitroaniline                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 88-75-5        |                 | 2-Nitrophenol                         | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-20-3        |                 | Naphthalene                           | Y             | Yes        | N                 | U           | J                      | J                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-57-6        |                 | 2-Methylnaphthalene                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           | 0.09           | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-58-7        |                 | 2-Chloronaphthalene                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.4                | 0.4                    |                           | 0.4            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-59-8        |                 | 2-Naphthylamine                       | Y             | Yes        | N                 | U           | U                      | U                    | 14             | 5                  | 5                      |                           | 5              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-80-5        |                 | Methapyrene                           | Y             | Yes        | N                 | U           | U                      | U                    | 47             | 14                 | 14                     |                           | 14             | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 91-94-1        |                 | 3,3'-Dichlorobenzidine                | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 92-67-1        |                 | 4-Aminobiphenyl (4-Biphenylamine)     | Y             | Yes        | N                 | UJ          | UJ                     | UJ                   | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 924-16-3       |                 | N-Nitroso-di-N-butylamine             | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 930-55-2       |                 | N-Nitrosopyrrolidine                  | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 94-59-7        |                 | Safrole                               | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-48-7        |                 | 2-Methylphenol(O-Cresol)              | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-50-1        |                 | 1,2-Dichlorobenzene                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-53-4        |                 | 2-Toluidine                           | Y             | Yes        | N                 | U           | J                      | J                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-57-8        |                 | 2-Chlorophenol                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-94-3        |                 | 1,2,4,5-Tetrachlorobenzene            | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 95-95-4        |                 | 2,4,5-Trichlorophenol                 | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 98-86-2        |                 | Acetophenone                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 98-95-3        |                 | Nitrobenzene                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 99-09-2        |                 | 3-Nitroaniline                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 99-35-4        |                 | 1,3,5-Trinitrobenzene                 | Y             | Yes        | N                 | U           | U                      | U                    | 14             | 5                  | 5                      |                           | 5              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 99-55-8        |                 | 5-Nitro-o-tolididine                  | Y             | Yes        | N                 | U           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           | 0.5            | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C         | 10/9/2017 NA  | N             | INITIAL  | SW3510C   | DWE11       |         | 1 99-65-0        |                 | 1,3-Dinitrobenzene                    | Y             | Yes        | N                 | U           | U                      | U                    | 5              | 2                  | 2                      |                           | 2              | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE11       |         | 1 93-72-1        |                 | Silvex (2,4,5-TP)                     | Y             | Yes        | N                 | U           | U                      | U                    | 0.023          | 0.0094             | 0.0094                 |                           | 0.0094         | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE11       |         | 1 93-76-5        |                 | 2,4,5-T (Trichlorophenoxyacetic acid) | Y             | Yes        | N                 | U           | U                      | U                    | 0.023          | 0.0094             | 0.0094                 |                           | 0.0094         | µg/L        | TRG              |
| MW-39        | MW-39-WG-09272017-N | 9/27/2017 N | WG               |             |                    | 9234288       | ELLE          | SW8270C SIM     | 10/5/2017 NA  | N             | INITIAL  | SW8151A   | DWE11       |         | 1 94-75-7        |                 | 2,4-D (Dichlorophenoxyacetic acid)    | Y             | Yes        |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|---------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8270C         | 10/10/2018    | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | UJ                     | UJ                   | U              | 4                  | 2                      | 2                         |                |             | TRG              |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8270C         | 10/10/2018    | NA            | N        | INITIAL    | SW3510C     | DWF03   |                  |                 | 1 108-39-4    | 3-Methylphenol                             |            | Yes               | N           | UJ                     | UJ                   | U              | 4                  | 2                      | 2                         |                |             | TRG              |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  |                 | 1 93-72-1     | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | 0.02           | 0.009              | 0.009                  |                           |                | TRG         |                  |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  |                 | 1 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | 0.02           | 0.009              | 0.009                  |                           |                | TRG         |                  |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8270C SIM     | 10/9/2018     | NA            | N        | INITIAL    | SW8151A     | DWF03   |                  |                 | 1 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | 0.2            | 0.05               | 0.05                   |                           |                | TRG         |                  |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW8315A         | 9/30/2018     | NA            | N        | INITIAL    | METHOD      | DWF03   |                  |                 | 1 50-00-0     | FORMALDEHYDE                               |            | Yes               | Y           |                        |                      | 50             | 30                 | 30                     |                           | 92             | TRG         |                  |
| MW-39        | MW-39_20182709  | 9/27/2018   | N                | WG          |                    | 9826352       | EuroFins Lan  | SW9012A         | 10/4/2018     | NA            | N        | INITIAL    | METHOD      | DWF03   |                  |                 | 1 57-12-5     | Cyanide                                    |            | Yes               | N           | U                      | U                    | 0.01           | 0.005              | 0.005                  |                           |                | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | FIELD PH                                   |            | N                 | Y           | Y                      |                      |                |                    |                        |                           | 4.58 s.u.      | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | FIELD DO                                   |            |                   | Y           | Y                      |                      |                |                    |                        |                           | 0.64 mg/l      | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | FIELD Eh                                   |            |                   | Y           | Y                      |                      |                |                    |                        |                           | 0.299 ms/cm    | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | FIELD_TEMP                                 |            |                   | Y           | Y                      |                      |                |                    |                        |                           | 21.58 deg c    | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | FIELD_TURB                                 |            |                   | Y           | Y                      |                      |                |                    |                        |                           | 2.59 ntu       | TRG         |                  |
| MW-39        | MW-39           | 9/27/2018   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2018     | NA            | N        | INITIAL    |             |         |                  |                 |               | ORP                                        |            |                   | Y           | Y                      |                      |                |                    |                        |                           | -264 mV        | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | E340.2          | 3/30/2019     | NA            | N        | INITIAL    | E300        | DWF06   |                  |                 | 1 16984-48-8  | Fluoride                                   |            | Yes               | N           | U                      | U                    | 0.092          | 0.028              | 0.028                  |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | E376.2          | 3/28/2019     | NA            | N        | INITIAL    |             | DWF06   |                  |                 | 20 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           |                        |                      | 6              | 2                  | 2                      |                           |                | 13 mg/l     | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | E531.1          | 3/26/2019     | NA            | N        | INITIAL    |             | DWF06   |                  |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | 2              | 1                  | 1                      |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  |                 | 1 7440-02-0   | Nickel                                     | N          | Yes               | N           | U                      | U                    | 0.01           | 0.0031             | 0.0031                 |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  |                 | 1 7440-39-3   | Barium                                     | N          | Yes               | N           | U                      | U                    | 0.005          | 0.001              | 0.001                  |                           | 0.0094         | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  |                 | 1 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      | U                    | 0.015          | 0.0053             | 0.0053                 |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6010B         | 4/2/2019      | NA            | T        | INITIAL    | SW3010A     | DWF06   |                  |                 | 1 7440-66-6   | Zinc                                       | N          | Yes               | N           | U                      | U                    | 0.02           | 0.003              | 0.003                  |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  |                 | 1 7440-36-0   | Antimony                                   | N          | Yes               | N           | U                      | U                    | 0.002          | 0.00041            | 0.00041                |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  |                 | 1 7440-38-2   | Arsenic                                    | N          | Yes               | Y           |                        |                      | 0.002          | 0.00068            | 0.00068                |                           | 0.0042         | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               | Y           |                        |                      | 0.001          | 0.00024            | 0.00024                |                           | 0.0016         | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW6020          | 4/9/2019      | NA            | T        | INITIAL    | SW3020A     | DWF06   |                  |                 | 1 7782-49-2   | Selenium                                   | N          | Yes               | N           | UJ                     | UJ                   | U              | 0.002              | 0.00065                | 0.00065                   |                |             | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 100-41-4    | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.05               | 0.05                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 108-88-3    | Toluene                                    | Y          | Yes               | Y           | J                      | J                    | J              | 0.5                | 0.05                   | 0.05                      |                | 0.09        | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | UJ                     | UJ                   | U              | 5                  | 0.3                    | 0.3                       |                |             | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.08               | 0.08                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 67-64-1     | Acetone                                    | Y          | Yes               | N           | UBJ                    | UBJ                  | U              | 6.4                | 6.4                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | UJ                     | UJ                   | U              | 20                 | 3.9                    | 3.9                       |                |             | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 75-09-2     | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.06               | 0.06                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | Yes               | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.3         | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 3/26/2019     | NA            | N        | INITIAL    | SW5030B     | DWF06   |                  |                 | 1 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | UJ                     | UJ                   | U              | 5                  | 0.7                    | 0.7                       |                |             | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 100-41-4    | Ethylbenzene                               | Y          | No                | N           | U                      | U                    | 0.5            | 0.05               | 0.05                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 108-88-3    | Toluene                                    | Y          | No                | N           | U                      | U                    | 0.5            | 0.05               | 0.05                   |                           | 0.1            | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 126-98-7    | Methylacrylonitrile                        | Y          | No                | N           | U                      | U                    | 5              | 0.3                | 0.3                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | No                | N           | U                      | U                    | 0.5            | 0.08               | 0.08                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 67-64-1     | Acetone                                    | Y          | No                | Y           | U                      | U                    | 5              | 1.1                | 1.1                    |                           | 13             | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 75-05-8     | Acetonitrile                               | Y          | No                | N           | U                      | U                    | 20             | 3.9                | 3.9                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 75-09-2     | Methylene chloride                         | Y          | No                | N           | U                      | U                    | 0.5            | 0.06               | 0.06                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | No                | Y           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      |                | 0.6         | TRG              |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8260B         | 4/1/2019      | NA            | N        | REANALYSIS | SW5030B     | DWF06   |                  |                 | 1 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | No                | N           | U                      | U                    | 5              | 0.7                | 0.7                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 108-39-4    | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | 0.9            | 0.5                | 0.5                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 106-47-8    | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | 5              | 2                  | 2                      |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 108-95-2    | Phenol                                     | Y          | Yes               | N           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 110-86-1    | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | 5              | 2                  | 2                      |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 132-64-9    | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | 2              | 0.5                | 0.5                    |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2019      | NA            | N        | INITIAL    | SW3510C     | DWF06   |                  |                 | 1 85-01-8     | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | 0.5            | 0.09               | 0.09                   |                           |                | TRG         |                  |
| MW-39        | MW-39-20190321  | 3/21/2019   | N                | WG          |                    | 1015614       | EuroFins Lan  | SW8270C         | 4/1/2         |               |          |            |             |         |                  |                 |               |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN | CHEMICAL_NAME             | ORGANIC_YN     | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------|---------------------------|----------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  |                 | 1      | XYLENES                   | Xylenes, Total | Y                 | Yes         | N                      | U                    | U              | U                  | 1.0                    | 0.15                      | 1.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270          | 11/16/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 4-Methylphenol (P-Cresol) |                | Yes               | N           | UJ                     | UJ                   | U*             | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270          | 11/16/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 3-Methylphenol            |                | Yes               | N           | UJ                     | U                    | U*             | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 1,4-Dichlorobenzene       | Y              | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 4-Chloroaniline           | Y              | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | Phenol                    | Y              | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | Pyridine                  | Y              | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 132-64-9                  |                | Y                 | Yes         | N                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 85-01-8                   |                | Y                 | Yes         | N                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 86-73-7                   |                | Y                 | Yes         | N                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 91-20-3                   |                | Y                 | Yes         | N                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 91-57-6                   |                | Y                 | Yes         | N                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270D         | 11/13/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1      | 95-57-8                   |                | Y                 | Yes         | N                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1      | 93-72-1                   |                | Y                 | Yes         | N                      | UJ                   | UJ             | U*1                | 0.025                  | 0.010                     | 0.025          |             | µg/L             | TRG |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1      | 93-76-5                   |                | Y                 | Yes         | N                      | UJ                   | UJ             | U*1                | 0.025                  | 0.010                     | 0.025          |             | µg/L             | TRG |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8270DSIM      | 11/13/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1      | 94-75-7                   |                | Y                 | Yes         | N                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW8315A         | 11/9/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1      | 50-00-0                   |                | Y                 | Yes         | N                      | U                    | U              | 50                 | 20                     | 50                        |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20201105  | 11/5/2020   | N                | WG          |                    | 410-19739-2   | ELLE          | SW9012B         | 11/19/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1      | 57-12-5                   |                | Y                 | Yes         | N                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | E376.2          | 9/30/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1      | 18496-25-8                |                | Y                 | Yes         | Y                      |                      |                | 0.30               | 0.10                   | 0.30                      |                | 1.4 mg/l    | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | E531.1          | 10/6/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1      | 116-06-3                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 2.0                    | 1.0                       | 2.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SM4500-F-C      | 10/4/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1      | 16984-48-8                |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.092                  | 0.028                     | 0.092          |             | mg/l             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 17440-02-0                |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.010                  | 0.0021                    | 0.010          |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-39-3                 |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.0050                 | 0.0010                    | 0.0050         |             | 0.016 mg/l       | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-66-6                 |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.020                  | 0.0037                    | 0.020          |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW5010C         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-47-3                 |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.015                  | 0.0016                    | 0.015          |             | mg/l             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-36-0                 |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.0010                 | 0.00041                   | 0.0010         |             | mg/l             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-38-2                 |                | Y                 | Yes         | Y                      |                      |                | 0.0020             | 0.00068                | 0.0020                    |                | 0.0036 mg/l | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7440-62-2                 |                | Y                 | Yes         | Y                      | J                    | J              | J                  | 0.0040                 | 0.00079                   | 0.0040         |             | 0.0011 mg/l      | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW6020A         | 9/27/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  |                 | 1      | 7782-49-2                 |                | Y                 | Yes         | N                      | J                    | J              | J                  | 0.0010                 | 0.00028                   | 0.0010         |             | 0.00029 mg/l     | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 100-41-4                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.50                   | 0.060                     | 0.50           |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 108-88-3                  |                | Y                 | Yes         | Y                      | J                    | J              | J                  | 0.50                   | 0.070                     | 0.50           |             | 0.1 µg/L         | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 126-98-7                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 5.0                    | 0.30                      | 5.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 67-64-1                   |                | Y                 | Yes         | Y                      |                      |                | 5.0                | 0.90                   | 5.0                       |                | 6.2 µg/L    | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 75-05-8                   |                | Y                 | Yes         | N                      | U                    | U              | U                  | 10                     | 5.0                       | 10             |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 75-09-2                   |                | Y                 | Yes         | N                      | U                    | U              | U                  | 0.50                   | 0.070                     | 0.50           |             | 0.17 µg/L        | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 75-15-0                   |                | Y                 | Yes         | Y                      | J                    | J              | J                  | 1.0                    | 0.060                     | 1.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | 78-93-3                   |                | Y                 | Yes         | N                      | U                    | U              | U                  | 5.0                    | 0.60                      | 5.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  |                 | 1      | XYLENES                   | Xylenes, Total | Y                 | Yes         | N                      | U                    | U              | U                  | 1.0                    | 0.15                      | 1.0            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 106-44-5                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 1.1                    | 0.54                      | 1.1            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270          | 10/4/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 4-Methylphenol (P-Cresol) |                | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 3-Methylphenol            |                | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 1,4-Dichlorobenzene       | Y              | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 4-Chloroaniline           | Y              | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | Phenol                    | Y              | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |     |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 110-86-1                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 5.4                    | 2.2                       | 5.4            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                | WG          |                    | 410-56316-8   | ELLE          | SW8270D         | 10/5/2021     | NA            | T        | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1      | 132-64-9                  |                | Y                 | Yes         | N                      | U                    | U              | U                  | 2.2                    | 0.54                      | 2.2            |             | µg/L             | TRG |
| MW-39        | MW-39-20210923  | 9/23/2021   | N                |             |                    |               |               |                 |               |               |          |           |             |             |                  |                 |        |                           |                |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|--------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 132-64-9        |        | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 85-01-8         |        | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.56               | 0.12                   | 0.56                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 86-73-7         |        | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.56               | 0.13                   | 0.56                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 91-20-3         |        | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.56               | 0.11                   | 0.56                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 91-57-6         |        | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.56               | 0.11                   | 0.56                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 95-57-8         |        | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.56                   | 2.2                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 106-44-5        |        | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.56                   | 1.1                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270D         | 10/11/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | 1                | 108-39-4        |        | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.56                   | 1.1                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 93-72-1         |        | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.011                  | 0.026                     |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 93-76-5         |        | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.011                  | 0.026                     |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 94-75-7         |        | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.26               | 0.11                   | 0.26                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW8315A         | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 50-00-0         |        | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | Ucn            | 240                | 110                    | 240                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-17  | EuroFins Lan  | SW9012B         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | 1                | 57-12-5         |        | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | E376.2          | 4/6/2023      | NA            | T        | INITIAL   | NONE        | 410-120520-1 | 2                | 18496-25-8      |        | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.60               | 0.20                   | 0.60                      | 3.2            | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | ES31.1          | 4/5/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1                | 116-06-3        |        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SM4500-F-C      | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | 1                | 16984-48-8      |        | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.092                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-02-0       |        | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-39-3       |        | Barium                                     | N          | Yes               | Y           | N                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    | 0.01           | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-47-3       |        | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6010C         | 4/5/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-66-6       |        | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6020A         | 4/13/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-36-0       |        | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.00020                | 0.010                     |                | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6020A         | 4/13/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-38-2       |        | Arsenic                                    | N          | Yes               | Y           | J                      | J                    | J              | 0.0020             | 0.00068                | 0.0020                    | 0.0015         | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6020A         | 4/13/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7440-39-2       |        | Vanadium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.00079            | 0.000079               | 0.00079                   | 0.0011         | mg/l        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW6020A         | 4/17/2023     | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | 1                | 7782-49-2       |        | Selenium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00028                | 0.0010                    |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 100-41-4        |        | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 108-88-3        |        | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 126-98-7        |        | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 1330-20-7       |        | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.070                  | 1.0                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 67-64-1         |        | Acetone                                    | Y          | Yes               | Y           | J                      | J                    | J              | 5.0                | 1.0                    | 5.0                       | 1.5            | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 75-05-8         |        | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | Ucn            | 10                 | 5.0                    | 10                        |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 75-09-2         |        | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 75-15-0         |        | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 0.10               | 0.10                   | 1.0                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8260C         | 4/12/2023     | NA            | T        | INITIAL   | SW5030      | 410-120520-1 | 1                | 78-93-3         |        | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 106-44-5        |        | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/6/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 106-39-4        |        | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 106-46-7        |        | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 106-47-8        |        | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 108-95-2        |        | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 110-86-1        |        | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 132-64-9        |        | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 85-01-8         |        | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 86-73-7         |        | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.13                   | 0.54                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 91-20-3         |        | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 | 1                | 91-57-6         |        | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-39        | MW-39-20230330  | 3/30/2023   | N                | WG          |                    | 410-120921-3  | EuroFins Lan  | SW8270D         | 4/7/2023      | NA            | T        | INITIAL   | SW3510C     | 410-120520-1 |                  |                 |        |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG    | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN            | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT  | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|------------|------------------|-----------------|-------------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|--------------|------------------|
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 106-46-7        | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 106-47-8        | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.1                    | 10                        |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 108-95-2        | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 110-86-1        | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.1                | 2.0                    | 5.1                       |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 132-64-9        | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 85-01-8         | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 86-73-7         | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 91-20-3         | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 91-57-6         | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.51               | 0.10                   | 0.51                      |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270D         | 6/23/2020     | NA            | T        | INITIAL   | SW3510C     | 410-3883-1 |                  |                 | 1 95-57-8         | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.51                   | 2.0                       |                | µg/L         | TRG              |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 93-72-1         | Silvex (2,4,5-TP)                          | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.010              | 0.025                  |                           | µg/L           | TRG          |                  |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 93-76-5         | 2,4,5-T (Trichlorophenoxyacetic acid)      | Yes        | N                 | U           | U                      | U                    | 0.025          | 0.010              | 0.025                  |                           | µg/L           | TRG          |                  |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8270DSIM      | 6/26/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 94-75-7         | 2,4-D (Dichlorophenoxyacetic acid)         | Yes        | N                 | U           | U                      | U                    | 0.25           | 0.10               | 0.25                   |                           | µg/L           | TRG          |                  |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW8315A         | 6/16/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 50-00-0         | FORMALDEHYDE                               | Yes        | Y                 | J           | J                      | JH                   | 50             | 20                 | 50                     |                           | 25 µg/L        | TRG          |                  |
| MW-39        | MW-39-20200611  | 6/11/2020   | N                | WG          |                    | 410-4186-3    | ELLE          | SW9012B         | 6/18/2020     | NA            | T        | INITIAL   | METHOD      | 410-3883-1 |                  |                 | 1 57-12-5         | Cyanide                                    | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0050             | 0.010                  |                           | mg/l           | TRG          |                  |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | E340.2          | 4/4/2017      | NA            | T        | INITIAL   | METHOD      | DWE04      | 0                |                 | 1 16984-48-8      | Fluoride                                   | Y          | Y                 |             |                        |                      | =              | 0.09               | 0.027                  | 0.09                      |                | 0.11 mg/l    | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | E376.2          | 4/3/2017      | NA            | T        | INITIAL   | NONE        | DWE04      | 100              | 18496-25-8      | Sulfide, Reactive | Y                                          | Y          |                   |             |                        | =                    | 10             | 3                  | 10                     |                           | 99.6 mg/l      | TRG          |                  |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | E531.1          | 4/2/2017      | NA            | T        | INITIAL   | NONE        | DWE04      | 0                |                 | 1 116-06-3        | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | N                 | U           | U                      | U                    | 2              | 1                  | 2                      |                           | 1 µg/L         | TRG          |                  |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | E531.1          | 4/2/2017      | NA            | T        | INITIAL   | NONE        | DWE04      | 0                |                 | 1 672-99-1        | 4-BROMO-3,5-DIMETHYLPHENYL                 | Y          | Y                 |             |                        |                      | =              |                    |                        |                           |                | 99 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-02-0       | Nickel                                     | N          | Y                 | N           | U                      | U                    | U              | 0.01               | 0.0028                 | 0.01                      |                | 0.0028 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-39-3       | Barium                                     | N          | Y                 | Y           |                        |                      | =              | 0.005              | 0.0011                 | 0.005                     |                | 0.008 mg/l   | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-47-3       | Chromium                                   | N          | Y                 | Y           | J                      | J                    | J              | 0.015              | 0.0018                 | 0.015                     |                | 0.0058 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6010B         | 4/7/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-66-6       | Zinc                                       | N          | Y                 | Y           |                        |                      | =              | 0.02               | 0.0054                 | 0.02                      |                | 0.0054 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-36-0       | Antimony                                   | N          | Y                 | Y           |                        |                      | =              | 0.001              | 0.00048                | 0.001                     |                | 0.00048 mg/l | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW5020          | 4/6/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-38-2       | Arsenic                                    | N          | Y                 | Y           |                        |                      | =              | 0.002              | 0.00068                | 0.002                     |                | 0.0068 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7440-62-2       | Vanadium                                   | N          | Y                 | Y           |                        |                      | =              | 0.0005             | 0.0002                 | 0.0005                    |                | 0.0053 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW6020          | 4/6/2017      | NA            | T        | INITIAL   | TOTAL       | DWE04      | 0                |                 | 1 7782-49-2       | Selenium                                   | N          | Y                 | Y           | J                      | J                    | J              | 0.002              | 0.00044                | 0.002                     |                | 0.0013 mg/l  | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 100-41-4        | Ethylbenzene                               | Y          | Y                 | Y           |                        |                      | =              | 0.5                | 0.1                    | 0.5                       |                | 1.2 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 108-88-3        | Toluene                                    | Y          | Y                 | Y           |                        |                      | =              | 0.5                | 0.1                    | 0.5                       |                | 10 µg/L      | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 126-98-7        | Methylacrylonitrile                        | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 0.3                    | 5                         |                | 0.3 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 1330-20-7       | Xylenes, Total                             | Y          | Y                 | Y           |                        |                      | =              | 0.5                | 0.1                    | 0.5                       |                | 33 µg/L      | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 17060-07-0      | 1,2-Dichloroethane-d4                      | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 99 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 1868-53-7       | DIBROMOFLUOROMETHANE                       | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 99 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 2037-26-5       | TOLUENE-D8                                 | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 99 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 480-66-6        | 4-Bromofluorobenzene                       | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 100 %        | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 67-64-1         | Acetone                                    | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 200 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 75-05-8         | Acetonitrile                               | Y          | Y                 | Y           | J                      | J                    | J              | 20                 | 7                      | 20                        |                | 7.7 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 75-09-2         | Methylene chloride                         | Y          | Y                 | Y           | J                      | J                    | J              | 0.5                | 0.2                    | 0.5                       |                | 0.3 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 75-15-0         | Carbon Disulfide                           | Y          | Y                 | Y           |                        |                      | =              | 1                  | 0.4                    | 1                         |                | 3 µg/L       | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 78-93-3         | Methyl ethyl ketone (2-Butanone)           | Y          | Y                 | Y           |                        |                      | =              | 5                  | 1                      | 5                         |                | 81 µg/L      | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8260B         | 4/4/2017      | NA            | T        | INITIAL   | SW5030B     | DWE04      | 0                |                 | 1 XYLENES         | Xylenes, Total                             | Y          | Y                 | Y           |                        |                      | =              | 0.5                | 0.1                    | 0.5                       |                | 33 µg/L      | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 106-46-7        | 1,4-Dichlorobenzene                        | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 106-47-8        | 4-Chloroaniline                            | Y          | Y                 | N           | UJ                     | UJ                   | U              | 4                  | 2                      | 4                         |                | 2 µg/L       | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 108-95-2        | Phenol                                     | Y          | Y                 | Y           |                        |                      | =              | 0.9                | 0.5                    | 0.9                       |                | 26 µg/L      | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 110-86-1        | Pyridine                                   | Y          | Y                 | N           | U                      | U                    | U              | 5                  | 2                      | 5                         |                | 2 µg/L       | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 118-79-6        | 2,4,6-TRIBROMOPHENOL                       | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 76 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 13127-68-3      | Phenol-d6                                  | Y          | Y                 | Y           |                        |                      | =              |                    |                        |                           |                | 47 %         | TRG              |
| MW-41        | MW-41_170328    | 3/28/2017   | N                | WG          |                    | 8907965       | Lan           | SW8270C         | 4/4/2017      | NA            | T        | INITIAL   | SW3510C     | DWE04      | 0                |                 | 1 132-64-9        | Dibenzofuran                               | Y          | Y                 | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.9                       |                | 0.5 µg/L     | TRG              |
| MW-41        | MW-41_170328    |             |                  |             |                    |               |               |                 |               |               |          |           |             |            |                  |                 |                   |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |              |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | E340.2          | 3/28/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   |                  |                 | 1 16984-48-8  | Fluoride                                   |            | Y                 | Y           | J                      |                      | J              | 0.093              | 0.028                  | 0.028                     | 0.075 mg/l     | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | E376.2          | 3/26/2018     | NA            | N        | INITIAL   |             | DWE14   |                  |                 | 50 18496-25-8 | Sulfide, Reactive                          |            | Y                 | Y           |                        |                      |                | 5.0                | 1.5                    | 1.5                       | 66.8 mg/l      | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | E531.1          | 3/30/2018     | NA            | N        | INITIAL   |             | DWE14   |                  |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      |                      | U              | 2.0                | 0.54                   | 0.54                      |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-02-0   | Nickel                                     |            | Yes               | N           | U                      |                      | U              | 0.0100             | 0.0040                 | 0.0040                    |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-39-3   | Barium                                     |            | Y                 | Y           |                        |                      | 0.0050         | 0.00085            | 0.00085                | 0.0813 mg/l               | TRG            |             |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-47-3   | Chromium                                   |            | Yes               | N           | U                      |                      | U              | 0.0150             | 0.0033                 | 0.0033                    |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6010B         | 3/29/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-66-6   | Zinc                                       |            | Yes               | N           | U                      |                      | U              | 0.0200             | 0.0065                 | 0.0065                    |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-36-0   | Antimony                                   |            | N                 | Yes         | N                      | U                    |                | U                  | 0.0010                 | 0.00045                   | 0.00045        |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-38-2   | Arsenic                                    |            | N                 | Y           |                        |                      |                | 0.0020             | 0.00072                | 0.00072                   | 0.0045 mg/l    | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7440-62-2   | Vanadium                                   |            | Y                 | Y           |                        |                      |                | 0.00050            | 0.00021                | 0.00021                   | 0.0038 mg/l    | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW6020          | 3/30/2018     | NA            | T        | INITIAL   | SW3010A     | DWE14   | N                |                 | 1 7782-49-2   | Selenium                                   |            | Y                 | Y           | J                      |                      | J              | 0.0020             | 0.00050                | 0.00050                   |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 1 100-41-4    | Ethylbenzene                               |            | Y                 | Y           | J                      |                      | J              | 1.0                | 0.2                    | 0.2                       | 0.8 µg/L       | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 108-88-3    | Toluene                                    |            | Y                 | Y           |                        |                      |                | 1.0                | 0.2                    | 0.2                       | 5.7 µg/L       | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 126-98-7    | Methylacrylonitrile                        |            | Yes               | N           | U                      |                      | U              | 10                 | 0.6                    | 0.6                       |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 1330-20-7   | Xylenes, Total                             |            | Y                 | Y           |                        |                      |                | 1.0                | 0.2                    | 0.2                       | 22 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 67-64-1     | Acetone                                    |            | Y                 | Y           |                        |                      |                | 10                 | 6.0                    | 6.0                       | 59 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 75-05-8     | Acetonitrile                               |            | Y                 | Yes         | N                      | U                    |                | U                  | 40                     | 14                        | 14             |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 75-09-2     | Methylene chloride                         |            | Yes               | N           | U                      |                      | U              | 1.0                | 0.4                    | 0.4                       |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 75-15-0     | Carbon Disulfide                           |            | Y                 | Y           |                        |                      |                | 2.0                | 0.8                    | 0.8                       | 2.6 µg/L       | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8260B         | 3/29/2018     | NA            | N        | INITIAL   | SW5030B     | DWE14   | Y                |                 | 2 78-93-3     | Methyl ethyl ketone (2-Butanone)           |            | Y                 | Y           |                        |                      |                | 10                 | 2.0                    | 2.0                       | 16 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.9                    | 0.5                       | 0.5            |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 106-47-8    | 4-Chloroaniline                            |            | Y                 | Yes         | N                      | U                    |                | U                  | 4                      | 2                         | 2              |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 106-95-2    | Phenol                                     |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.9                    | 0.5                       | 0.5            | 4 µg/L      | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 110-86-1    | Pyridine                                   |            | Y                 | Y           |                        |                      |                | 2                  | 2                      | 2                         | 18 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 132-64-9    | Dibenzofuran                               |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.9                    | 0.5                       | 0.5            |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 85-01-8     | Phenanthrene                               |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.5                    | 0.09                      | 0.09           |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 86-73-7     | Fluorene                                   |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.5                    | 0.09                      | 0.09           |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 91-20-3     | Naphthalene                                |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.5                    | 0.09                      | 0.09           |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 91-57-6     | 2-Methylnaphthalene                        |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.5                    | 0.09                      | 0.09           |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/28/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 95-57-8     | 2-Chlorophenol                             |            | Y                 | Yes         | N                      | U                    |                | U                  | 0.9                    | 0.5                       | 0.5            |             | TRG              |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/29/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  |            | Y                 | Y           |                        |                      |                | 0.9                | 0.5                    | 0.5                       | 3 µg/L         | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C         | 3/29/2018     | NA            | N        | INITIAL   | SW3510C     | DWE14   | Y                |                 | 1 108-39-4    | 3-Methylphenol                             |            | Y                 | Y           |                        |                      |                | 0.9                | 0.5                    | 0.5                       | 15 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   | Y                |                 | 1 93-72-1     | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      |                      | U              | 0.02               | 0.01                   | 0.01                      |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   | Y                |                 | 1 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      |                      | U              | 0.02               | 0.01                   | 0.01                      |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8270C SIM     | 3/29/2018     | NA            | N        | INITIAL   | SW8151A     | DWE14   | Y                |                 | 1 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      |                      | U              | 0.2                | 0.05                   | 0.05                      |                | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW8315A         | 3/25/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   | Y                |                 | 1 50-00-0     | FORMALDEHYDE                               |            | Y                 | Y           |                        |                      |                | 10                 | 10                     | 10                        | 63 µg/L        | TRG         |                  |
| MW-41        | MW-41-WG-03202018-N | 3/20/2018   | N                | WG          |                    | 9515751       | ELLE          | SW9012A         | 3/29/2018     | NA            | N        | INITIAL   | METHOD      | DWE14   | Y                |                 | 1 57-12-5     | Cyanide                                    |            | Yes               | N           | U                      |                      | U              | 0.010              | 0.0050                 | 0.0050                    |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | E340.2          | 9/28/2018     | NA            | N        | INITIAL   | DWF01       |         |                  |                 | 1 16984-48-8  | Fluoride                                   |            | Yes               | Y           | J                      | J                    | J              | 0.092              | 0.028                  | 0.028                     | 0.073 mg/l     | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | E376.2          | 10/1/2018     | NA            | N        | INITIAL   | DWF01       |         |                  |                 | 50 18496-25-8 | Sulfide, Reactive                          |            | Yes               | Y           |                        |                      |                | 15                 | 5                      | 5                         | 93.8 mg/l      | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | E531.1          | 10/2/2018     | NA            | N        | INITIAL   | DWF01       |         |                  |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      |                      | U              | 2                  | 1                      | 1                         |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   | N                |                 | 1 7440-02-0   | Nickel                                     |            | Yes               | N           | U                      |                      | U              | 0.01               | 0.0031                 | 0.0031                    |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   | N                |                 | 1 7440-39-3   | Barium                                     |            | Yes               | N           | U                      |                      | U              | 0.005              | 0.001                  | 0.001                     | 0.0819 mg/l    | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   | N                |                 | 1 7440-47-3   | Chromium                                   |            | Yes               | N           | U                      |                      | U              | 0.015              | 0.0053                 | 0.0053                    |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6010B         | 10/5/2018     | NA            | T        | INITIAL   | SW3010A     | DWF01   | N                |                 | 1 7440-66-6   | Zinc                                       |            | Yes               | Y           | J                      | J                    | J              | 0.02               | 0.003                  | 0.003                     | 0.0098 mg/l    | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6020          | 10/6/2018     | NA            | T        | INITIAL   | SW3020A     | DWF01   | N                |                 | 1 7440-36-0   | Antimony                                   |            | Yes               | N           | U                      |                      | U              | 0.002              | 0.00041                | 0.00041                   |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6020          | 10/6/2018     | NA            | T        | INITIAL   | SW3020A     | DWF01   | N                |                 | 1 7440-38-2   | Arsenic                                    |            | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.00065                | 0.00065                   | 0.00091 mg/l   | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW6020          | 10/10/2018    | NA            | T        | INITIAL   | SW3020A     | DWF01   | N                |                 | 1 7440-62-2   | Vanadium                                   |            | Yes               | Y           |                        |                      |                | 0.002              | 0.00068                | 0.00068                   |                | TRG         |                  |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822052       | EuroFins Lan  | SW8260B         | 10/4/2018     | NA            | N        | INITIAL   | SW5030B     | DWF01   | Y                |                 | 1 100-41-4    | Ethylbenzene                               |            | Y                 | Yes         | Y                      |                      |                |                    | 0.001                  | 0.00024                   | 0.00024        | 0.0036 mg/l | TRG              |
| MW-41        | MW-41_20182509      | 9/25/2018   | N                | WG          |                    | 9822          |               |                 |               |               |          |           |             |         |                  |                 |               |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |



| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN     | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6010C         | 11/5/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     | 0.002          | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6010C         | 11/5/2020     | NA            | T        | INITIAL   | SW3010A     | 410-19389-1 |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6020A         | 11/13/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6020A         | 11/13/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    | 0.0034         | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6020A         | 11/13/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0040             | 0.00024                | 0.0040                    | 0.0031         | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW6020A         | 11/13/2020    | NA            | T        | INITIAL   | SW3005      | 410-19389-1 |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.0007         | mg/l        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.060                  | 0.50                      | 0.7            | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.070                  | 0.50                      | 3.3            | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 67-64-1    | Acetone                                    | Y          | Yes               | Y           |                        |                      |                | 5.0                | 0.90                   | 5.0                       | 10             | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 75-05-8    | Acetonitrile                               | Y          | Yes               | Y           | J                      | J                    | J              | 2.0                | 3.0                    | 2.0                       | 5              | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 75-09-2    | Methylene chloride                         | Y          | Yes               | Y           | J                      | J                    | J              | 0.50               | 0.070                  | 0.50                      | 0.16           | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 75-15-0    | Carbon Disulfide                           | Y          | Yes               | Y           |                        |                      |                | 1.0                | 0.060                  | 1.0                       | 1.4            | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           | J                      | J                    | J              | 5.0                | 0.60                   | 5.0                       | 2.6            | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8260C         | 11/14/2020    | NA            | T        | INITIAL   | SW5030      | 410-19389-1 |                  | 1               | XYLENES    | Xylenes, Total                             | Y          | Yes               | Y           |                        |                      |                | 1.0                | 0.15                   | 1.0                       | 10             | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270          | 11/14/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270          | 11/14/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 4.0                    | 10                        |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 110-86-1   | Pyridine                                   | Y          | Yes               | Y           |                        |                      |                | 5.0                | 2.0                    | 5.0                       | 6.6            | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.10                   | 5.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270D         | 11/11/2020    | NA            | T        | INITIAL   | SW3510C     | 410-19389-1 |                  | 1               | 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  | 1               | 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  | 1               | 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8270DSIM      | 11/10/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  | 1               | 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW8315A         | 11/7/2020     | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  | 1               | 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 50                        | 33             | µg/L        | TRG              |
| MW-41        | MW-41-20201103  | 11/3/2020   | N                | WG          |                    | 410-19389-14  | ELLE          | SW90128         | 11/11/2020    | NA            | T        | INITIAL   | METHOD      | 410-19389-1 |                  | 1               | 57-12-5    | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | E376.2          | 9/24/2021     | NA            | T        | INITIAL   | NONE        | 410-55961-1 |                  | 20              | 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | Y           | J                      | J                    | J              | 6.0                | 2.0                    | 6.0                       | 16             | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | E531.1          | 9/30/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  | 1               | 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SM4500-F-C      | 9/28/2021     | NA            | T        | INITIAL   | METHOD      | 410-55961-1 |                  | 1               | 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.0029                 | 0.002                     | 0.068          | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      |                | 0.0050             | 0.0010                 | 0.0050                    | 0.089          | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6010C         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6010C         | 9/29/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-47-3  | Chromium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.015              | 0.0016                 | 0.015                     | 0.0025         | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      |                | 0.0020             | 0.00068                | 0.0020                    | 0.0029         | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0040             | 0.00079                | 0.0040                    | 0.003          | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW6020A         | 9/28/2021     | NA            | T        | INITIAL   | SW3005      | 410-55961-1 |                  | 1               | 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.00071        | mg/l        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  | 1               | 100-41-4   | Ethylbenzene                               | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.060                  | 0.50                      | 0.7            | µg/L        | TRG              |
| MW-41        | MW-41-20210921  | 9/21/2021   | N                | WG          |                    | 410-55961-10  | ELLE          | SW8260C         | 10/5/2021     | NA            | T        | INITIAL   | SW5030      | 410-55961-1 |                  | 1               | 108-88-3   | Toluene                                    | Y          | Yes               | Y           |                        |                      |                | 0.50               | 0.070                  | 0.50                      | 3.7            | µg/L        | TRG              |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN        | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS     | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|--------------|------------------|-----------------|---------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-02-0   | Nickel                                     | N          | Yes               | N           | U                      | U                    | U <sup>+</sup> +   | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-39-3   | Barium                                     | N          | Yes               | Y           |                        |                      |                    | 0.0050             | 0.0010                 | 0.0050                    | 0.088          | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-66-6   | Zinc                                       | N          | Yes               | N           | U                      | U                    | U                  | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-36-0   | Antimony                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-38-2   | Arsenic                                    | N          | Yes               | Y           |                        |                      |                    | 0.0020             | 0.00068                | 0.0020                    | 0.0048         | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J                  | 0.0040             | 0.00079                | 0.0040                    | 0.0032         | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1  | N                |                 | 1 7782-49-2   | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J                  | 0.0010             | 0.00028                | 0.0010                    | 0.00067        | mg/l        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 100-41-4    | Ethylbenzene                               | Y          | Yes               | Y           |                        |                      |                    | 0.50               | 0.080                  | 0.50                      | 1.1            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 108-88-3    | Toluene                                    | Y          | Yes               | Y           |                        |                      |                    | 0.50               | 0.080                  | 0.50                      | 5.3            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 126-99-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U                  | 5.0                | 0.11                   | 5.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 1330-20-7   | Xylenes, Total                             | Y          | Yes               | Y           |                        |                      |                    | 0.30               | 0.070                  | 1.0                       | 19             | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 67-64-1     | Acetone                                    | Y          | Yes               | Y           |                        |                      |                    | 5.0                | 1.0                    | 5.0                       | 6.2            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U                  | 10                 | 0.50                   | 10                        |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 75-09-2     | Methylene chloride                         | Y          | Yes               | Y           | J                      | J                    | J                  | 0.50               | 0.10                   | 0.50                      | 0.19           | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 75-15-0     | Carbon Disulfide                           | Y          | Yes               | Y           |                        |                      | cn                 | 1.0                | 0.10                   | 1.0                       | 2.9            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1  | N                |                 | 1 78-93-3     | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | Y           | J                      | J                    | J                  | 5.0                | 1.0                    | 5.0                       | 1.7            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U                  | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 106-47-8    | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U                  | 10                 | 4.1                    | 10                        |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 108-95-2    | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U                  | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 110-86-1    | Pyridine                                   | Y          | Yes               | Y           | J                      | J                    | J                  | 5.1                | 2.0                    | 5.1                       | 4.9            | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 132-64-9    | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U                  | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 85-01-8     | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U                  | 0.51               | 0.11                   | 0.51                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 86-73-7     | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U                  | 0.51               | 0.12                   | 0.51                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 91-20-3     | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U                  | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 91-57-6     | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U                  | 0.51               | 0.10                   | 0.51                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/4/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 95-57-8     | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U                  | 2.0                | 0.51                   | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 106-44-5    | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>+</sup> -cn | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1  | N                |                 | 1 108-39-4    | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U <sup>+</sup> -cn | 1.0                | 0.51                   | 1.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | N                |                 | 1 93-72-1     | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U                  | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | N                |                 | 1 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U                  | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | N                |                 | 1 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U                  | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW8315A         | 9/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | N                |                 | 1 50-00-0     | FORMALDEHYDE                               | Y          | Yes               | N           | U                      | U                    | cn                 | 120                | 54                     | 120                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-7   | EuroFins Lan  | SW9012B         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1  | N                |                 | 1 57-12-5     | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | Ucn                | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | E376.2          | 3/30/2023     | NA            | T        | INITIAL   | NONE        | 410-3883-1   | N                |                 | 10 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U                  | 3.0                | 1.0                    | 3.0                       | 8.1            | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | ES31.1          | 4/6/2023      | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | N                |                 | 1 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | Ucn                | 2.0                | 1.2                    | 2.0                       |                | µg/L        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SM4500-F-C      | 4/12/2023     | NA            | T        | INITIAL   | METHOD      | 410-120520-1 | N                |                 | 1 16984-48-8  | Fluoride                                   | Y          | Yes               | Y           | J                      | J                    | J                  | 0.092              | 0.028                  | 0.092                     | 0.046          | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-02-0   | Nickel                                     | N          | Yes               | N           | U                      | U                    | U                  | 0.010              | 0.0021                 | 0.010                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-39-3   | Barium                                     | N          | Yes               | Y           |                        |                      |                    | 0.0050             | 0.0010                 | 0.0050                    | 0.08           | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.015              | 0.0030                 | 0.015                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6010C         | 4/4/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-66-6   | Zinc                                       | N          | Yes               | N           | U                      | U                    | U                  | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-36-0   | Antimony                                   | N          | Yes               | N           | U                      | U                    | U                  | 0.0010             | 0.00020                | 0.0010                    |                | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-38-2   | Arsenic                                    | N          | Yes               | Y           |                        |                      |                    | 0.0020             | 0.00068                | 0.0020                    | 0.0025         | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            | T        | INITIAL   | SW3005      | 410-120520-1 | N                |                 | 1 7440-62-2   | Vanadium                                   | N          | Yes               | Y           | J                      | J                    | J                  | 0.0040             | 0.00079                | 0.0040                    | 0.0031         | mg/l        | TRG              |
| MW-41        | MW-41-20230328  | 3/28/2023   | N                | WG          |                    | 410-120581-9  | EuroFins Lan  | SW6020A         | 4/6/2023      | NA            |          |           |             |              |                  |                 |               |                                            |            |                   |             |                        |                      |                    |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE  | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN                                     | CHEMICAL_NAME | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|------------|-------------|-------------|------------------|-----------------|--------------------------------------------|---------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | ES31.1          | 4/3/2021      | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 116-06-3       |                 | Aldicarb (sulfide, sulfoxide, and sulfone) |               | Yes        | N                 | U           | U                      | U                    | 2.0            | 1.0                | 2.0                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SM4500-F-C      | 4/2/2021      | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 16984-48-8     |                 | Fluoride                                   |               | Yes        | Y                 | J           | J                      | J                    | 0.093          | 0.028              | 0.093                  | 0.065                     | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-02-0      | N               | Nickel                                     | N             | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0021             | 0.010                  |                           | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-39-3      | N               | Barium                                     | N             | Yes        | Y                 |             | J                      | J                    | 0.0050         | 0.0010             | 0.0050                 | 0.084                     | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-47-3      | N               | Chromium                                   | N             | Yes        | Y                 | J           | J                      | J                    | 0.015          | 0.0016             | 0.015                  | 0.0041                    | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6010C         | 4/1/2021      | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-66-6      | N               | Zinc                                       | N             | Yes        | N                 | U           | U                      | U                    | 0.020          | 0.0037             | 0.020                  |                           | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6020A         | 3/30/2021     | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-36-0      | N               | Antimony                                   | N             | Yes        | N                 | U           | U                      | U                    | 0.0010         | 0.00041            | 0.0010                 |                           | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6020A         | 3/30/2021     | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-38-2      | N               | Arsenic                                    | N             | Yes        | Y                 |             |                        |                      | 0.0020         | 0.00068            | 0.0020                 | 0.0034                    | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6020A         | 3/30/2021     | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7440-62-2      | N               | Vanadium                                   | N             | Yes        | Y                 | J           | J                      | J                    | 0.0040         | 0.00079            | 0.0040                 | 0.0033                    | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW6020A         | 3/30/2021     | NA            | T        | INITIAL    | SW3005      | 410-33431-1 | 1 7782-49-2      | N               | Selenium                                   | N             | Yes        | Y                 | J           | J                      | J                    | 0.0010         | 0.00028            | 0.0010                 | 0.00072                   | mg/l           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 100-41-4       | Y               | Ethylbenzene                               | Y             | Yes        | Y                 | J           | J                      | J                    | 1.0            | 0.12               | 1.0                    | 0.62                      | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 1 208-88-3       | Y               | Toluene                                    | Y             | Yes        | Y                 |             |                        |                      | 1.0            | 0.14               | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 126-98-7       | Y               | Methylacrylonitrile                        | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 0.60               | 10                     |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 67-64-1        | Y               | Acetone                                    | Y             | Yes        | Y                 |             |                        |                      | 10             | 1.8                | 10                     |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 75-05-8        | Y               | Acetonitrile                               | Y             | Yes        | Y                 | J           | J                      | J                    | 40             | 6.0                | 40                     | 7                         | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 75-09-2        | Y               | Methylene chloride                         | Y             | Yes        | N                 | UB          | UB                     | J                    | 1.0            | 1.0                | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 75-15-0        | Y               | Carbon Disulfide                           | Y             | Yes        | Y                 | J           | J                      | J                    | 2.0            | 0.12               | 2.0                    | 1.3                       | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 78-93-3        | Y               | Methyl ethyl ketone (2-Butanone)           | Y             | Yes        | Y                 | J           | J                      | J                    | 10             | 1.2                | 10                     | 2.7                       | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8260C         | 4/2/2021      | NA            | T        | INITIAL    | SW5030      | 410-33431-1 | 2 XYLENES        | Y               | Xylenes, Total                             | Y             | Yes        | Y                 |             |                        |                      | 2.0            | 0.30               | 2.0                    | 9.1                       | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270          | 4/2/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 106-44-5       | Y               | 4-Methylphenol (P-Cresol)                  | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 1.0            | 0.52               | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270          | 4/2/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 108-39-4       | Y               | 3-Methylphenol                             | Y             | Yes        | N                 | UJ          | UJ                     | U                    | 1.0            | 0.52               | 1.0                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 106-46-7       | Y               | 1,4-Dichlorobenzene                        | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 108-91-4       | Y               | 4-Chloroaniline                            | Y             | Yes        | N                 | U           | U                      | U                    | 10             | 4.2                | 10                     |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 108-95-2       | Y               | Phenol                                     | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 110-86-1       | Y               | Pyridine                                   | Y             | Yes        | Y                 | J           | J                      | **1                  | 5.2            | 2.1                | 5.2                    | 7.3                       | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 132-64-9       | Y               | Dibenzofuran                               | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 85-01-8        | Y               | Phenanthrene                               | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.11               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 86-73-7        | Y               | Fluorene                                   | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.12               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 91-20-3        | Y               | Naphthalene                                | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 91-57-6        | Y               | 2-Methylnaphthalene                        | Y             | Yes        | N                 | U           | U                      | U                    | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/5/2021      | NA            | T        | INITIAL    | SW3510C     | 410-33431-1 | 1 95-57-8        | Y               | 2-Chlorophenol                             | Y             | Yes        | N                 | U           | U                      | U                    | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 106-46-7       | Y               | 1,4-Dichlorobenzene                        | Y             | No         | N                 |             |                        |                      | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 106-47-8       | Y               | 4-Chloroaniline                            | Y             | No         | N                 |             |                        |                      | 10             | 4.2                | 10                     |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 108-95-2       | Y               | Phenol                                     | Y             | No         | N                 |             |                        |                      | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 110-86-1       | Y               | Pyridine                                   | Y             | No         | N                 |             |                        |                      | 2.1            | 0.52               | 2.1                    | 4.1                       | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 132-64-9       | Y               | Dibenzofuran                               | Y             | No         | N                 |             |                        |                      | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 85-01-8        | Y               | Phenanthrene                               | Y             | No         | N                 |             |                        |                      | 0.52           | 0.11               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 86-73-7        | Y               | Fluorene                                   | Y             | No         | N                 |             |                        |                      | 0.52           | 0.13               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 91-20-3        | Y               | Naphthalene                                | Y             | No         | N                 |             |                        |                      | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 91-57-6        | Y               | 2-Methylnaphthalene                        | Y             | No         | N                 |             |                        |                      | 0.52           | 0.10               | 0.52                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270D         | 4/7/2021      | NA            | T        | REEXTRACT1 | SW3510C     | 410-33431-1 | 1 95-57-8        | Y               | 2-Chlorophenol                             | Y             | No         | N                 |             |                        |                      | 2.1            | 0.52               | 2.1                    |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270DSIM      | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 93-72-1        | Y               | Silvex (2,4,5-TP)                          | Y             | Yes        | N                 | U           | U                      | U                    | 0.024          | 0.0098             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270DSIM      | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 93-76-5        | Y               | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y             | Yes        | N                 | U           | U                      | U                    | 0.024          | 0.0098             | 0.024                  |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8270DSIM      | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 94-75-7        | Y               | 2,4-D (Dichlorophenoxyacetic acid)         | Y             | Yes        | N                 | U           | U                      | U                    | 0.24           | 0.098              | 0.24                   |                           | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW8315A         | 3/28/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 50-00-0        | Y               | FORMALDEHYDE                               | Y             | Yes        | N                 | J           | J                      | J                    | 120            | 54                 | 120                    | 55                        | µg/L           | TRG         |                  |
| MW-41        | MW-41-20210325  | 3/25/2021   | N                | WG          |                    | 410-33768-9   | ELLE          | SW9012B         | 3/31/2021     | NA            | T        | INITIAL    | METHOD      | 410-33431-1 | 1 57-12-5        | Y               | Cyanide                                    | Y             | Yes        | N                 | U           | U                      | U                    | 0.010          | 0.0050             | 0.010                  |                           | mg/l           | TRG         |                  |
| MW-42        | MW-42-170328    | 3/28/2017</ |                  |             |                    |               |               |                 |               |               |          |            |             |             |                  |                 |                                            |               |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE     | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN      | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |     |
|--------------|---------------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|-------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|-----|
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | SW3010A   | DWE09       | N       | Yes              |                 | 1 7440-62-2 | Vanadium                                   | N          | Yes               |             |                        |                      |                | 0.0005             | 0.00021                | 0.00021                   | 0.0071         | mg/l        | TRG              |     |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW6020          | 10/9/2017 NA  | T             | INITIAL  | SW3010A   | DWE09       | N       | Yes              |                 | 1 7782-49-2 | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.002              | 0.0005                 | 0.0005                    | 0.0018         | mg/l        | TRG              |     |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 100-41-4    | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 108-88-3    | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       | 0.3            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 1330-20-7   | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 67-64-1     | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 3                      | 3                         | 3              |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 7                      | 7                         | 7              |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 75-09-2     | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.2                    | 0.2                       | 0.2            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 75-15-0     | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.4                    | 0.4                       | 0.4            | 1.1         | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8260B         | 9/28/2017 NA  | N             | INITIAL  | SW5030B   | DWE09       | Y       | Yes              | N               | 108-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 106-46-7    | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1                      | 1                         | 1              |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 106-47-8    | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 4                  | 2                      | 2                         | 2              |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 108-95-2    | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 110-86-1    | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         | 2              |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 132-64-9    | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 85-01-8     | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 86-73-7     | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 91-20-3     | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 91-57-6     | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      | 0.09           |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/5/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 95-57-8     | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 106-44-5    | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270C         | 10/6/2017 NA  | N             | INITIAL  | SW3510C   | DWE09       | Y       | Yes              | N               | 108-39-4    | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       | 0.5            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270SIM       | 10/4/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       | Y       | Yes              | N               | 93-72-1     | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    | 0.0094         |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270SIM       | 10/4/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       | Y       | Yes              | N               | 93-76-5     | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0094                 | 0.0094                    | 0.0094         |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8270SIM       | 10/4/2017 NA  | N             | INITIAL  | SW8151A   | DWE09       | Y       | Yes              | N               | 94-75-7     | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.24               | 0.047                  | 0.047                     | 0.047          |             | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW8315A         | 9/29/2017 NA  | N             | INITIAL  | METHOD    | DWE09       | Y       | Yes              | Y               | 50-00-0     | FORMALDEHYDE                               | Y          | Yes               | Y           |                        |                      |                | 50                 | 10                     | 10                        | 10             | 72          | µg/L             | TRG |
| MW-42        | MW-42-WG-09262017-N | 9/26/2017 N | WG               |             |                    | 9231269       | ELLE          | SW9012A         | 10/6/2017 NA  | N             | INITIAL  | METHOD    | DWE09       | Y       | Yes              | N               | 57-12-5     | Cyanide                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.005                  | 0.005                     | 0.005          |             | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | E340.2          | 3/28/2018 NA  | N             | INITIAL  | METHOD    | DWE14       | Y       | Yes              | N               | 16984-48-8  | Fluoride                                   | Y          | 0.028             | N           | U                      | U                    | U              | 0.092              | 0.028                  | 0.028                     | 0.028          |             | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | E376.2          | 3/26/2018 NA  | N             | INITIAL  | METHOD    | DWE14       | Y       | Yes              | N               | 18496-25-8  | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.10               | 0.030                  | 0.030                     | 0.030          |             | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | E531.1          | 3/30/2018 NA  | N             | INITIAL  | METHOD    | DWE14       | Y       | Yes              | N               | 116-06-3    | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.54                   | 0.54                      | 0.54           |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-02-0   | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.0100             | 0.0040                 | 0.0040                    | 0.0040         |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 17440-39-3  | Barium                                     | N          | Y                 | Y           |                        |                      | U              | 0.0050             | 0.00085                | 0.00085                   | 0.00085        | 0.0146      | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-47-3   | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0150             | 0.0033                 | 0.0033                    | 0.0033         |             | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6010B         | 3/29/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-00-0   | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.0150             | 0.00065                | 0.00065                   | 0.00065        |             | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-36-0   | Antimony                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00045                | 0.00045                   | 0.00045        |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-38-2   | Arsenic                                    | N          | Y                 | Y           | J                      | J                    | J              | 0.0020             | 0.00072                | 0.00072                   | 0.00072        | 0.0002      | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7440-62-2   | Vanadium                                   | N          | Y                 | Y           |                        |                      | U              | 0.00050            | 0.00021                | 0.00021                   | 0.00049        | mg/l        | TRG              |     |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW6020          | 3/30/2018 NA  | T             | INITIAL  | SW3010A   | DWE14       | N       | Yes              | N               | 7782-49-2   | Selenium                                   | N          | Y                 | Y           | J                      | J                    | J              | 0.0020             | 0.00050                | 0.00050                   | 0.00050        | 0.00072     | mg/l             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 100-41-4    | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 108-88-3    | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 126-98-7    | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 0.3                    | 0.3                       | 0.3            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 1330-20-7   | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.1                    | 0.1                       | 0.1            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 67-64-1     | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 3.0                    | 3.0                       | 3.0            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               |             |                    | 9515752       | ELLE          | SW8260B         | 3/29/2018 NA  | N             | INITIAL  | SW5030B   | DWE14       | Y       | Yes              | N               | 75-05-8     | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 7.0                    | 7.0                       | 7.0            |             | µg/L             | TRG |
| MW-42        | MW-42-WG-03202018-N | 3/20/2018 N | WG               | </          |                    |               |               |                 |               |               |          |           |             |         |                  |                 |             |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |     |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|---------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL   | SW3020A     | AWF04   |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | J           | J                      | J                    | J              | 0.002              | 0.00068                | 0.00068                   | 0.00068        | mg/l        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW6020          | 4/15/2019     | NA            | T        | INITIAL   | SW3020A     | DWF04   |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | N           | UJ                     | UJ                   | U              | 0.002              | 0.00065                | 0.00065                   |                | mg/l        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW6020          | 4/16/2019     | NA            | T        | INITIAL   | SW3020A     | DWF04   |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00024                | 0.00024                   | 0.0014         | mg/l        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.08                   | 0.08                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | UB                     | UB                   | J              | 5                  | 5                      | 5                         |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | J                      | J                    | J              | 1                  | 0.09                   | 0.09                      | 0.6            | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8260B         | 3/25/2019     | NA            | N        | INITIAL   | SW5030B     | DWF04   |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.7                    | 0.7                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | UJ                     | UJ                   | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 2                      | 2                         |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.09                   | 0.09                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/26/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | No                | N           | U                      | U                    | U              | 2                  | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C         | 3/30/2019     | NA            | N        | INITIAL   | SW3510C     | DWF04   |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | U                      | U                    | U              | 0.9                | 0.5                    | 0.5                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL   | SW8151A     | DWF04   |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.2                | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL   | SW8151A     | DWF04   |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.01                   | 0.01                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8270C SIM     | 3/27/2019     | NA            | N        | INITIAL   | SW8151A     | DWF04   |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.2                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW8315A         | 3/22/2019     | NA            | N        | INITIAL   | METHOD      | DWF04   |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 20                        | 41             | µg/L        | TRG              |
| MW-42        | MW-42-20190319  | 3/19/2019   | N                | WG          |                    | 1013288       | EuroFins Lan  | SW9012A         | 3/23/2019     | NA            | N        | INITIAL   | METHOD      | DWF04   |                  |                 | 1 57-12-5    | Cyanide                                    | Y          | Yes               | N           | UJ                     | UJ                   | U              | 0.01               | 0.005                  | 0.005                     |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | E340.2          | 9/24/2019     | NA            | N        | INITIAL   |             | DWF10   |                  |                 | 1 16984-48-8 | Fluoride                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.028                     |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | E376.2          | 9/16/2019     | NA            | N        | INITIAL   |             | DWF10   |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          | Y          | Yes               | N           | U                      | U                    | U              | 0.3                | 0.1                    | 0.1                       |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | E531.1          | 9/24/2019     | NA            | N        | INITIAL   |             | DWF10   |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) | Y          | Yes               | N           | U                      | U                    | U              | 2                  | 1                      | 1                         |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6010B         | 9/19/2019     | NA            | T        | INITIAL   | SW3010A     | DWF10   |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           | U                      | U                    | U              | 0.005              | 0.001                  | 0.001                     | 0.0155         | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6010B         | 9/19/2019     | NA            | T        | INITIAL   | SW3010A     | DWF10   |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.0016                    |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6010B         | 9/20/2019     | NA            | T        | INITIAL   | SW3010A     | DWF10   |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.01               | 0.0021                 | 0.0021                    |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6010B         | 9/20/2019     | NA            | T        | INITIAL   | SW3010A     | DWF10   |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.02               | 0.0037                 | 0.0037                    |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF10   |                  |                 | 1 7440-39-2  | Arsenic                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.002              | 0.00068                | 0.00068                   | 0.0038         | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF10   |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           | U                      | U                    | U              | 0.0005             | 0.00024                | 0.00024                   | 0.0065         | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6020          | 9/19/2019     | NA            | T        | INITIAL   | SW3020A     | DWF10   |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           | J                      | J                    | J              | 0.001              | 0.00028                | 0.00028                   | 0.00079        | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW6020          | 9/20/2019     | NA            | T        | INITIAL   | SW3020A     | DWF10   |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.001              | 0.00041                | 0.00041                   |                | mg/l        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 100-41-4   | Ethylbenzene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.05                   | 0.05                      |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 126-98-7   | Methylacrylonitrile                        | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 0.3                    | 0.3                       |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1                  | 0.1                    | 0.1                       |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5                  | 1.1                    | 1.1                       |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 20                 | 3.9                    | 3.9                       |                | µg/L        | TRG              |
| MW-42        | MW-42-09122019  | 9/12/2019   | N                | WG          |                    | 1149119       | EuroFins Lan  | SW8260B         | 9/17/2019     | NA            | N        | INITIAL   | SW5030B     | DWF10   |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.5                | 0.06                   | 0.06                      |                | µg/L        | TRG              |
| MW-42        | MW-42-091       |             |                  |             |                    |               |               |                 |               |               |          |           |             |         |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE  | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SG      | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |
|--------------|-----------------|--------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8270D         | 11/11/2020 NA | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8270D         | 11/11/2020 NA | T             | INITIAL  | INITIAL   | SW3510C     | 410-19389-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.0                | 0.50                   | 2.0                       |                | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8270DSIM      | 11/10/2020 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8270DSIM      | 11/10/2020 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.024              | 0.0096                 | 0.024                     |                | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8270DSIM      | 11/10/2020 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.24               | 0.096                  | 0.24                      |                | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW8315A         | 11/7/2020 NA  | T             | INITIAL  | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 50                 | 20                     | 50                        | 39             | µg/L        | TRG              |
| MW-42        | MW-42-20201103  | 11/3/2020 N  | WG               |             |                    | 410-19389-15  | ELLE          | SW90128         | 11/11/2020 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-19389-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0050                 | 0.010                     |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | E376.2          | 9/24/2021 NA  | T             | INITIAL  | INITIAL   | NONE        | 410-55961-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | E531.1          | 9/30/2021 NA  | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | U              | 2.0                | 1.0                    | 2.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SM4500-F-C      | 9/28/2021 NA  | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.093                     |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 9/28/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-02-0  | Nickel                                     |            | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6010C         | 9/28/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-39-3  | Barium                                     |            | Yes               | Y           | N                      | U                    | U              | 0.0050             | 0.0010                 | 0.0050                    | 0.011          | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6010C         | 9/28/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-66-6  | Zinc                                       |            | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6010C         | 9/29/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-47-3  | Chromium                                   |            | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0016                 | 0.015                     |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6020A         | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-36-0  | Antimony                                   |            | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00041                | 0.0010                    |                | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6020A         | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-38-2  | Arsenic                                    |            | Yes               | Y           | N                      | U                    | U              | 0.0020             | 0.00068                | 0.0020                    | 0.0027         | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6020A         | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7440-62-2  | Vanadium                                   |            | Yes               | Y           | N                      | U                    | U              | 0.0040             | 0.00079                | 0.0040                    | 0.0063         | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW6020A         | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3005      | 410-55961-1 | N                |                 | 1 7782-49-2  | Selenium                                   |            | Yes               | Y           | J                      | J                    | J              | 0.0010             | 0.00028                | 0.0010                    | 0.00073        | mg/l        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.50               | 0.060                  | 0.50                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 108-88-3   | Toluene                                    |            | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.30                   | 5.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 67-64-1    | Acetone                                    |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.90                   | 5.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-05-8    | Acetonitrile                               |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.50                   | 1.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-09-2    | Methylene chloride                         |            | Yes               | N           | U                      | U                    | U              | 0.50               | 0.070                  | 0.50                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 75-15-0    | Carbon Disulfide                           |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.060                  | 1.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           |            | Yes               | N           | U                      | U                    | U              | 5.0                | 0.60                   | 5.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8260C         | 10/1/2021 NA  | T             | INITIAL  | INITIAL   | SW5030      | 410-55961-1 | Y                |                 | 1 XYLENES    | Xylenes, Total                             |            | Yes               | N           | U                      | U                    | U              | 1.0                | 0.15                   | 1.0                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270          | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270          | 10/4/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             |            | Yes               | N           | U                      | U                    | U              | 1.1                | 0.54                   | 1.1                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.4                | 2.2                    | 5.4                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.22                   | 0.54                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 85-01-8    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.12                   | 0.54                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.22               | 0.13                   | 0.22                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.54               | 0.11                   | 0.54                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270D         | 9/26/2021 NA  | T             | INITIAL  | INITIAL   | SW3510C     | 410-55961-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.2                | 0.54                   | 2.2                       |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270DSIM      | 10/11/2021 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270DSIM      | 10/11/2021 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes               | N           | U                      | U                    | U              | 0.025              | 0.010                  | 0.025                     |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8270DSIM      | 10/11/2021 NA | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes               | N           | U                      | U                    | U              | 0.25               | 0.10                   | 0.25                      |                | µg/L        | TRG              |
| MW-42        | DUP-1-20210921  | 9/21/2021 FD | WG               |             | MW-42-20210921     | 410-55961-13  | ELLE          | SW8315A         | 9/27/2021 NA  | T             | INITIAL  | INITIAL   | METHOD      | 410-55961-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               | Y           | J                      | J                    | J              | 60                 | 27                     | 60                        | 53             |             |                  |

| SYS_LOC_CODE | SYS_SAMPLE_CODE | SAMPLE_DATE | SAMPLE_TYPE_CODE | MATRIX_CODE | PARENT_SAMPLE_CODE | LAB_SAMPLE_ID | LAB_NAME_CODE | ANALYTIC_METHOD | ANALYSIS_DATE | COLUMN_NUMBER | FRACTION | TEST_TYPE | PREP_METHOD | LAB_SDG     | PERCENT_MOISTURE | DILUTION_FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_RESULT | DETECT_FLAG | INTERPRETED_QUALIFIERS | VALIDATOR_QUALIFIERS | LAB_QUALIFIERS | QUANTITATION_LIMIT | METHOD_DETECTION_LIMIT | REPORTING_DETECTION_LIMIT | RESULT_NUMERIC | RESULT_UNIT | RESULT_TYPE_CODE |      |     |
|--------------|-----------------|-------------|------------------|-------------|--------------------|---------------|---------------|-----------------|---------------|---------------|----------|-----------|-------------|-------------|------------------|-----------------|--------------|--------------------------------------------|------------|-------------------|-------------|------------------------|----------------------|----------------|--------------------|------------------------|---------------------------|----------------|-------------|------------------|------|-----|
| MW-42        | MW-42-20220322  | 3/22/2022   | N                | WG          |                    | 410-77155-10  | ELLE          | SW8315A         | 3/24/2022     | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               |            | Yes               |             |                        |                      |                | 60                 | 27                     | 60                        |                | 70          | µg/L             | TRG  |     |
| MW-42        | MW-42-20220322  | 3/22/2022   | N                | WG          |                    | 410-77155-10  | ELLE          | SW9012B         | 4/1/2022      | NA            | T        | INITIAL   | METHOD      | 410-77155-1 |                  |                 | 1 57-12-5    | Cyanide                                    |            | Yes               | N           | UJ                     | UJ                   | U              | 0.010              | 0.0050                 | 0.010                     |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | E376.2          | 10/4/2022     | NA            | T        | INITIAL   | NONE        | 410-99444-1 |                  |                 | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes               | N           | U                      | U                    | U              | 0.30               | 0.10                   | 0.30                      |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | E531.1          | 10/5/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes               | N           | U                      | U                    | Ucn            | 2.0                | 1.2                    | 2.0                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 126-98-7   | FIELD PH pH (field)                        | N          | Yes               | Y           |                        |                      |                |                    |                        |                           | 5.15           | pH UNITS    | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | FIELD_DO Dissolved Oxygen-Field            |            | Yes               | Y           |                        |                      |                |                    |                        |                           | 0.43           | mg/l        | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | FIELD_ORP ORP-Field                        |            | Yes               | Y           |                        |                      |                |                    |                        |                           | -212.1         | mV          | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | FIELD_TEMP Temperature (field)             |            | Yes               | Y           |                        |                      |                |                    |                        |                           | 23.5           | deg c       | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | FIELD_TURB Turbidity-Field                 |            | Yes               | Y           |                        |                      |                |                    |                        |                           | 6.39           | ntu         | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | FIELDDEC Specific Conductance (field)      |            | Yes               | Y           |                        |                      |                |                    |                        |                           | 170            | us/cm       | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    |               |               | FIELD MEASURE   | 9/27/2022     | NA            | N        | INITIAL   |             |             |                  |                 | 1 116-06-3   | WATER LEVEL Water Level                    |            | Yes               | Y           |                        |                      |                |                    |                        |                           | 21.12          | ft          | TRG              |      |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SM4500-F-C      | 9/30/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 16984-48-8 | Fluoride                                   |            | Yes               | N           | U                      | U                    | U              | 0.093              | 0.028                  | 0.093                     |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-02-0  | Nickel                                     | N          | Yes               | N           | U                      | U                    | U              | 0.010              | 0.0021                 | 0.010                     |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-39-3  | Barium                                     | N          | Yes               | Y           |                        |                      | U              | 0.0050             | 0.0010                 | 0.0050                    |                |             | 0.013            | mg/l | TRG |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-47-3  | Chromium                                   | N          | Yes               | N           | U                      | U                    | U              | 0.015              | 0.0030                 | 0.015                     |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6010C         | 10/11/2022    | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-66-6  | Zinc                                       | N          | Yes               | N           | U                      | U                    | U              | 0.020              | 0.0037                 | 0.020                     |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-36-0  | Antimony                                   | N          | Yes               | N           | U                      | U                    | U              | 0.0010             | 0.00020                | 0.0010                    |                |             | mg/l             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-38-2  | Arsenic                                    | N          | Yes               | Y           |                        |                      | U              | 0.0020             | 0.00068                | 0.0020                    |                |             | 0.0056           | mg/l | TRG |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7440-62-2  | Vanadium                                   | N          | Yes               | Y           |                        |                      | U              | 0.0040             | 0.00079                | 0.0040                    |                |             | 0.02             | mg/l | TRG |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW6020A         | 10/7/2022     | NA            | T        | INITIAL   | SW3005      | 410-99444-1 |                  |                 | 1 7782-49-2  | Selenium                                   | N          | Yes               | Y           |                        |                      | U              | 0.0010             | 0.00028                | 0.0010                    |                |             | 0.0019           | mg/l | TRG |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 100-41-4   | Ethylbenzene                               |            | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 108-88-3   | Toluene                                    | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 126-98-7   | Methylacrylonitrile                        |            | Yes               | N           | U                      | U                    | U              | 0.50               | 0.080                  | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 1330-20-7  | Xylenes, Total                             | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.070                  | 1.0                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 67-64-1    | Acetone                                    | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 75-05-8    | Acetonitrile                               | Y          | Yes               | N           | U                      | U                    | U              | 10                 | 5.0                    | 10                        |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 75-09-2    | Methylene chloride                         | Y          | Yes               | N           | U                      | U                    | U              | 0.50               | 0.10                   | 0.50                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes               | N           | U                      | U                    | U              | 1.0                | 0.10                   | 1.0                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8260C         | 10/6/2022     | NA            | T        | INITIAL   | SW5030      | 410-99444-1 |                  |                 | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes               | N           | U                      | U                    | U              | 5.0                | 1.0                    | 5.0                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes               | N           | U                      | U                    | U              | 11                 | 4.3                    | 11                        |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 108-95-2   | Phenol                                     | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 110-86-1   | Pyridine                                   | Y          | Yes               | N           | U                      | U                    | U              | 5.3                | 2.1                    | 5.3                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 132-64-9   | Dibenzofuran                               | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 85-01-9    | Phenanthrene                               | Y          | Yes               | N           | U                      | U                    | U              | 0.10               | 0.30                   | 0.10                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 86-73-7    | Fluorene                                   | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.13                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 91-20-3    | Naphthalene                                | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.11                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes               | N           | U                      | U                    | U              | 0.53               | 0.11                   | 0.53                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/5/2022     | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes               | N           | U                      | U                    | U              | 2.1                | 0.53                   | 2.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.53                   | 1.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270D         | 10/10/2022    | NA            | T        | INITIAL   | SW3510C     | 410-99444-1 |                  |                 | 1 108-39-4   | 3-Methylphenol                             | Y          | Yes               | N           | UJ                     | UJ                   | U              | 1.1                | 0.53                   | 1.1                       |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 93-72-1    | Silvex (2,4,5-TP)                          | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      | Y          | Yes               | N           | U                      | U                    | U              | 0.026              | 0.010                  | 0.026                     |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8270DSIM      | 10/3/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         | Y          | Yes               | N           | U                      | U                    | U              | 0.26               | 0.10                   | 0.26                      |                |             | µg/L             | TRG  |     |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW8315A         | 9/29/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 | 1 50-00-0    | FORMALDEHYDE                               | Y          | Yes               | Y           |                        |                      | U              | 60                 | 27                     | 60                        |                |             | 140              | µg/L | TRG |
| MW-42        | MW-42-20220927  | 9/27/2022   | N                | WG          |                    | 410-99625-10  | EuroFins Lan  | SW9012B         | 10/7/2022     | NA            | T        | INITIAL   | METHOD      | 410-99444-1 |                  |                 |              |                                            |            |                   |             |                        |                      |                |                    |                        |                           |                |             |                  |      |     |

| SYS_LOC_ CODE | SYS_SAMPLE_ CODE | SAMPLE_ DATE | SAMPLE_TYPE_ CODE | MATRIX_ CODE | PARENT_SAMPLE_ CODE | LAB_ SAMPLE_ID | LAB_ NAME_CODE | ANALYTIC_ METHOD | ANALYSIS_ DATE | COLUMN_ NUMBER | FRACTION | TEST_ TYPE | PREP_ METHOD | LAB_SDG     | PERCENT_ MOISTURE | DILUTION_ FACTOR | CAS_RN       | CHEMICAL_NAME                              | ORGANIC_YN | REPORTABLE_ RESULT | DETECT_ FLAG | INTERPRETED_ QUALIFIERS | VALIDATOR_ QUALIFIERS | LAB_ QUALIFIERS | QUANTITATION_ LIMIT | METHOD_ DETECTION_LIMIT | REPORTING_ DETECTION_LIMIT | RESULT_ NUMERIC | RESULT_ UNIT | RESULT_ TYPE_CODE |
|---------------|------------------|--------------|-------------------|--------------|---------------------|----------------|----------------|------------------|----------------|----------------|----------|------------|--------------|-------------|-------------------|------------------|--------------|--------------------------------------------|------------|--------------------|--------------|-------------------------|-----------------------|-----------------|---------------------|-------------------------|----------------------------|-----------------|--------------|-------------------|
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 132-64-9   | Dibenzofuran                               | Y          | Yes                | N            | U                       | U                     | U               | 2.0                 | 0.50                    | 2.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 85-01-8    | Phenanthrene                               | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.10                    | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 86-73-7    | Fluorene                                   | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.10                    | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 91-20-3    | Naphthalene                                | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.10                    | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.10                    | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270D          | 6/18/2020      | NA             | T        | INITIAL    | SW3510C      | 410-3883-1  |                   |                  | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes                | N            | U                       | U                     | U               | 2.0                 | 0.50                    | 2.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270DSIM       | 6/18/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1 93-72-1    | Silvex (2,4,5-TP)                          |            | Yes                | N            | U                       | U                     | U               | 0.024               | 0.0096                  | 0.024                      |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270DSIM       | 6/18/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1 93-76-5    | 2,4,5-T (Trichlorophenoxyacetic acid)      |            | Yes                | N            | U                       | U                     | U               | 0.024               | 0.0096                  | 0.024                      |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8270DSIM       | 6/18/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1 94-75-7    | 2,4-D (Dichlorophenoxyacetic acid)         |            | Yes                | N            | U                       | U                     | U               | 0.24                | 0.096                   | 0.24                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW8315A          | 6/12/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1 50-00-0    | FORMALDEHYDE                               |            | Yes                | Y            | J                       | J                     | J               | 50                  | 20                      | 50                         |                 | 25 µg/L      | TRG               |
| MW-42         | MW-42-20200609   | 6/9/2020     | N                 | WG           |                     | 410-3883-6     | ELLE           | SW9012B          | 6/12/2020      | NA             | T        | INITIAL    | METHOD       | 410-3883-1  |                   |                  | 1 57-12-5    | Cyanide                                    |            | Yes                | N            | U                       | U                     | U               | 0.010               | 0.0050                  | 0.010                      |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | E376.2           | 3/30/2021      | NA             | T        | INITIAL    | NONE         | 410-33431-1 |                   |                  | 1 18496-25-8 | Sulfide, Reactive                          |            | Yes                | N            | U                       | U                     | U               | 0.30                | 0.10                    | 0.30                       |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | ES31.1           | 4/3/2021       | NA             | T        | INITIAL    | METHOD       | 410-33431-1 |                   |                  | 1 116-06-3   | Aldicarb (sulfide, sulfoxide, and sulfone) |            | Yes                | N            | U                       | U                     | U               | 2.0                 | 1.0                     | 2.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SM4500-F-C       | 4/2/2021       | NA             | T        | INITIAL    | METHOD       | 410-33431-1 |                   |                  | 1 16984-48-8 | Fluoride                                   |            | Yes                | N            | U                       | U                     | U               | 0.085               | 0.026                   | 0.085                      |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-02-0  | Nickel                                     | N          | Yes                | N            | U                       | U                     | U               | 0.010               | 0.0021                  | 0.010                      |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-39-3  | Barium                                     | N          | Yes                | Y            |                         |                       | U               | 0.0050              | 0.0010                  | 0.0050                     |                 | 0.013 mg/l   | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6010C          | 3/31/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-47-3  | Chromium                                   | N          | Yes                | Y            | J                       | J                     | J               | 0.015               | 0.0016                  | 0.015                      |                 | 0.0022 mg/l  | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6010C          | 4/1/2021       | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-66-6  | Zinc                                       | N          | Yes                | N            | U                       | U                     | U               | 0.020               | 0.0037                  | 0.020                      |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6020A          | 3/29/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-36-0  | Antimony                                   | N          | Yes                | N            | U                       | U                     | U               | 0.0010              | 0.00041                 | 0.0010                     |                 | mg/l         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6020A          | 3/29/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-38-2  | Arsenic                                    | N          | Yes                | N            | U                       | U                     | U               | 0.0020              | 0.00068                 | 0.0020                     |                 | 0.0049 mg/l  | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6020A          | 3/29/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7440-62-2  | Vanadium                                   | N          | Yes                | Y            |                         |                       | U               | 0.0040              | 0.00079                 | 0.0040                     |                 | 0.014 mg/l   | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW6020A          | 3/29/2021      | NA             | T        | INITIAL    | SW3005       | 410-33431-1 |                   |                  | 1 7782-49-2  | Selenium                                   | N          | Yes                | Y            |                         |                       | U               | 0.0010              | 0.00028                 | 0.0010                     |                 | 0.0019 mg/l  | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 100-41-4   | Ethylbenzene                               | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.060                   | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 108-88-3   | Toluene                                    | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.070                   | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 126-98-7   | Methylacrylonitrile                        |            | Yes                | N            | U                       | U                     | U               | 5.0                 | 0.30                    | 5.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 67-64-1    | Acetone                                    | Y          | Yes                | N            | UB                      | UB                    | J               | 5.0                 | 5.0                     | 5.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 75-05-8    | Acetonitrile                               | Y          | Yes                | N            | U                       | U                     | U               | 20                  | 3.0                     | 20                         |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 75-09-2    | Methylene chloride                         | Y          | Yes                | N            | U                       | U                     | U               | 0.50                | 0.070                   | 0.50                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 75-15-0    | Carbon Disulfide                           | Y          | Yes                | N            | U                       | U                     | U               | 1.0                 | 0.060                   | 1.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 78-93-3    | Methyl ethyl ketone (2-Butanone)           | Y          | Yes                | N            | U                       | U                     | U               | 5.0                 | 0.60                    | 5.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8260C          | 4/2/2021       | NA             | T        | INITIAL    | SW5030       | 410-33431-1 |                   |                  | 1 XYLENES    | Xylenes, Total                             | Y          | Yes                | N            | U                       | U                     | U               | 1.0                 | 0.15                    | 1.0                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270           | 4/2/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 106-44-5   | 4-Methylphenol (P-Cresol)                  |            | Yes                | N            | UJ                      | UJ                    | UJ              | 1.1                 | 0.55                    | 1.1                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270           | 4/2/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 108-39-4   | 3-Methylphenol                             |            | Yes                | N            | UJ                      | UJ                    | UJ              | 1.1                 | 0.55                    | 1.1                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | Yes                | N            | U                       | U                     | U               | 2.2                 | 0.55                    | 2.2                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 106-47-8   | 4-Chloroaniline                            | Y          | Yes                | N            | U                       | U                     | U               | 11                  | 4.4                     | 11                         |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 108-95-2   | Phenol                                     | Y          | Yes                | N            | U                       | U                     | U               | 2.2                 | 0.55                    | 2.2                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 110-86-1   | Pyridine                                   | Y          | Yes                | N            | R                       | R                     | U               | 5.5                 | 2.2                     | 5.5                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 132-64-9   | Dibenzofuran                               | Y          | Yes                | N            | U                       | U                     | U               | 2.2                 | 0.55                    | 2.2                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 85-01-8    | Phenanthrene                               | Y          | Yes                | N            | U                       | U                     | U               | 0.55                | 0.12                    | 0.55                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 86-73-7    | Fluorene                                   | Y          | Yes                | N            | U                       | U                     | U               | 0.55                | 0.13                    | 0.55                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 91-20-3    | Naphthalene                                | Y          | Yes                | N            | U                       | U                     | U               | 0.55                | 0.11                    | 0.55                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 91-57-6    | 2-Methylnaphthalene                        | Y          | Yes                | N            | U                       | U                     | U               | 0.55                | 0.11                    | 0.55                       |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/5/2021       | NA             | T        | INITIAL    | SW3510C      | 410-33431-1 |                   |                  | 1 95-57-8    | 2-Chlorophenol                             | Y          | Yes                | N            | U                       | U                     | U               | 2.2                 | 0.55                    | 2.2                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/7/2021       | NA             | T        | REEXTRACT1 | SW3510C      | 410-33431-1 |                   |                  | 1 106-46-7   | 1,4-Dichlorobenzene                        | Y          | No                 | N            |                         |                       | UH*             | 2.1                 | 0.52                    | 2.1                        |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/7/2021       | NA             | T        | REEXTRACT1 | SW3510C      | 410-33431-1 |                   |                  | 1 106-47-8   | 4-Chloroaniline                            | Y          | No                 | N            |                         |                       | UH              | 10                  | 4.2                     | 10                         |                 | µg/L         | TRG               |
| MW-42         | MW-42-20210325   | 3/25/2021    | N                 | WG           |                     | 410-33768-10   | ELLE           | SW8270D          | 4/7/2021       | NA             | T        | REEXTRACT1 | SW           |             |                   |                  |              |                                            |            |                    |              |                         |                       |                 |                     |                         |                            |                 |              |                   |

## **Attachment 2**

### **UCL Outputs**

Attachment 2. UCL Statistics for Uncensored Full Data Sets

Appendix G - Ecological Risk Assessment

UCC Woodbine, Camden County, Georgia

User Selected Options

|                                |                                |
|--------------------------------|--------------------------------|
| Date/Time of Computation       | ProUCL 5.112/4/2023 2:28:35 PM |
| From File                      | Dow Woodbine UCL data.xls      |
| Full Precision                 | OFF                            |
| Confidence Coefficient         | 95%                            |
| Number of Bootstrap Operations | 2000                           |

2-methylNapthalene

| General Statistics           |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Total Number of Observations | 27    | Number of Distinct Observations | 18    |
|                              |       | Number of Missing Observations  | 0     |
| Minimum                      | 0.1   | Mean                            | 13.72 |
| Maximum                      | 40    | Median                          | 0.7   |
| SD                           | 15.94 | Std. Error of Mean              | 3.068 |
| Coefficient of Variation     | 1.162 | Skewness                        | 0.476 |

| Normal GOF Test                |       | Shapiro Wilk GOF Test                    |  |
|--------------------------------|-------|------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.749 | Data Not Normal at 5% Significance Level |  |
| 5% Shapiro Wilk Critical Value | 0.923 | Lilliefors GOF Test                      |  |
| Lilliefors Test Statistic      | 0.347 | Data Not Normal at 5% Significance Level |  |
| 5% Lilliefors Critical Value   | 0.167 |                                          |  |

Data Not Normal at 5% Significance Level

| Assuming Normal Distribution |       |                                   |       |
|------------------------------|-------|-----------------------------------|-------|
| 95% Normal UCL               |       | 95% UCLs (Adjusted for Skewness)  |       |
| 95% Student's-t UCL          | 18.95 | 95% Adjusted-CLT UCL (Chen-1995)  | 19.06 |
|                              |       | 95% Modified-t UCL (Johnson-1978) | 19    |

| Gamma GOF Test        |       | Anderson-Darling Gamma GOF Test                     |  |
|-----------------------|-------|-----------------------------------------------------|--|
| A-D Test Statistic    | 3.059 | Data Not Gamma Distributed at 5% Significance Level |  |
| 5% A-D Critical Value | 0.841 | Kolmogorov-Smirnov Gamma GOF Test                   |  |
| K-S Test Statistic    | 0.272 | Data Not Gamma Distributed at 5% Significance Level |  |
| 5% K-S Critical Value | 0.181 |                                                     |  |

Data Not Gamma Distributed at 5% Significance Level

| Gamma Statistics               |        |                                     |       |
|--------------------------------|--------|-------------------------------------|-------|
| k hat (MLE)                    | 0.353  | k star (bias corrected MLE)         | 0.338 |
| Theta hat (MLE)                | 38.89  | Theta star (bias corrected MLE)     | 40.56 |
| nu hat (MLE)                   | 19.04  | nu star (bias corrected)            | 18.26 |
| MLE Mean (bias corrected)      | 13.72  | MLE Sd (bias corrected)             | 23.59 |
|                                |        | Approximate Chi Square Value (0.05) | 9.579 |
| Adjusted Level of Significance | 0.0401 | Adjusted Chi Square Value           | 9.178 |

| Assuming Gamma Distribution                 |       |                                        |       |
|---------------------------------------------|-------|----------------------------------------|-------|
| 95% Approximate Gamma UCL (use when n>=50)) | 26.14 | 95% Adjusted Gamma UCL (use when n<50) | 27.29 |

Lognormal GOF Test

|                                |       |                                             |  |
|--------------------------------|-------|---------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.754 | <b>Shapiro Wilk Lognormal GOF Test</b>      |  |
| 5% Shapiro Wilk Critical Value | 0.923 | Data Not Lognormal at 5% Significance Level |  |
| Lilliefors Test Statistic      | 0.26  | <b>Lilliefors Lognormal GOF Test</b>        |  |
| 5% Lilliefors Critical Value   | 0.167 | Data Not Lognormal at 5% Significance Level |  |

**Data Not Lognormal at 5% Significance Level**

| <b>Lognormal Statistics</b> |        |                     |       |
|-----------------------------|--------|---------------------|-------|
| Minimum of Logged Data      | -2.303 | Mean of logged Data | 0.714 |
| Maximum of Logged Data      | 3.689  | SD of logged Data   | 2.484 |

| <b>Assuming Lognormal Distribution</b> |       |                            |       |
|----------------------------------------|-------|----------------------------|-------|
| 95% H-UCL                              | 474.4 | 90% Chebyshev (MVUE) UCL   | 90.21 |
| 95% Chebyshev (MVUE) UCL               | 117.1 | 97.5% Chebyshev (MVUE) UCL | 154.3 |
| 99% Chebyshev (MVUE) UCL               | 227.6 |                            |       |

**Nonparametric Distribution Free UCL Statistics**  
**Data do not follow a Discernible Distribution (0.05)**

| <b>Nonparametric Distribution Free UCLs</b> |       |                              |       |
|---------------------------------------------|-------|------------------------------|-------|
| 95% CLT UCL                                 | 18.76 | 95% Jackknife UCL            | 18.95 |
| 95% Standard Bootstrap UCL                  | 18.67 | 95% Bootstrap-t UCL          | 19.25 |
| 95% Hall's Bootstrap UCL                    | 18.78 | 95% Percentile Bootstrap UCL | 18.96 |
| 95% BCA Bootstrap UCL                       | 18.79 |                              |       |
| 90% Chebyshev(Mean, Sd) UCL                 | 22.92 | 95% Chebyshev(Mean, Sd) UCL  | 27.09 |
| 97.5% Chebyshev(Mean, Sd) UCL               | 32.88 | 99% Chebyshev(Mean, Sd) UCL  | 44.24 |

| <b>Suggested UCL to Use</b>    |       |
|--------------------------------|-------|
| 97.5% Chebyshev (Mean, Sd) UCL | 32.88 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

### 3-methylphenol

| <b>General Statistics</b>    |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Total Number of Observations | 33    | Number of Distinct Observations | 26    |
|                              |       | Number of Missing Observations  | 0     |
| Minimum                      | 0.59  | Mean                            | 44.77 |
| Maximum                      | 210   | Median                          | 13    |
| SD                           | 68.49 | Std. Error of Mean              | 11.92 |
| Coefficient of Variation     | 1.53  | Skewness                        | 1.701 |

| <b>Normal GOF Test</b>         |       | <b>Shapiro Wilk GOF Test</b>             |  |
|--------------------------------|-------|------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.649 | Data Not Normal at 5% Significance Level |  |
| 5% Shapiro Wilk Critical Value | 0.931 | <b>Lilliefors GOF Test</b>               |  |
| Lilliefors Test Statistic      | 0.297 | Data Not Normal at 5% Significance Level |  |
| 5% Lilliefors Critical Value   | 0.152 |                                          |  |

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL 64.97

**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 68.15

95% Modified-t UCL (Johnson-1978) 65.55

**Gamma GOF Test**

A-D Test Statistic 1.143

5% A-D Critical Value 0.815

K-S Test Statistic 0.16

5% K-S Critical Value 0.162

**Anderson-Darling Gamma GOF Test**

Data Not Gamma Distributed at 5% Significance Level

**Kolmogorov-Smirnov Gamma GOF Test**

Detected data appear Gamma Distributed at 5% Significance Level

**Detected data follow Appr. Gamma Distribution at 5% Significance Level****Gamma Statistics**

k hat (MLE) 0.481

Theta hat (MLE) 93.03

nu hat (MLE) 31.76

MLE Mean (bias corrected) 44.77

Adjusted Level of Significance 0.0419

k star (bias corrected MLE) 0.458

Theta star (bias corrected MLE) 97.81

nu star (bias corrected) 30.21

MLE Sd (bias corrected) 66.17

Approximate Chi Square Value (0.05) 18.66

Adjusted Chi Square Value 18.19

**Assuming Gamma Distribution**95% Approximate Gamma UCL (use when  $n \geq 50$ ) 72.4995% Adjusted Gamma UCL (use when  $n < 50$ ) 74.36**Lognormal GOF Test**

Shapiro Wilk Test Statistic 0.938

5% Shapiro Wilk Critical Value 0.931

Lilliefors Test Statistic 0.0927

5% Lilliefors Critical Value 0.152

**Shapiro Wilk Lognormal GOF Test**

Data appear Lognormal at 5% Significance Level

**Lilliefors Lognormal GOF Test**

Data appear Lognormal at 5% Significance Level

**Data appear Lognormal at 5% Significance Level****Lognormal Statistics**

Minimum of Logged Data -0.528

Maximum of Logged Data 5.347

Mean of logged Data 2.474

SD of logged Data 1.817

**Assuming Lognormal Distribution**

95% H-UCL 194.8

95% Chebyshev (MVUE) UCL 156.5

99% Chebyshev (MVUE) UCL 286.7

90% Chebyshev (MVUE) UCL 124.9

97.5% Chebyshev (MVUE) UCL 200.4

**Nonparametric Distribution Free UCL Statistics****Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL 64.38

95% Standard Bootstrap UCL 63.93

95% Hall's Bootstrap UCL 64.87

95% BCA Bootstrap UCL 69

90% Chebyshev(Mean, Sd) UCL 80.54

97.5% Chebyshev(Mean, Sd) UCL 119.2

95% Jackknife UCL 64.97

95% Bootstrap-t UCL 69.8

95% Percentile Bootstrap UCL 65.28

95% Chebyshev(Mean, Sd) UCL 96.74

99% Chebyshev(Mean, Sd) UCL 163.4

**Suggested UCL to Use**

95% Adjusted Gamma UCL 74.36

When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test

When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

#### 4-methylphenol

| General Statistics           |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Total Number of Observations | 18    | Number of Distinct Observations | 15    |
|                              |       | Number of Missing Observations  | 0     |
| Minimum                      | 0.6   | Mean                            | 15.26 |
| Maximum                      | 56    | Median                          | 6     |
| SD                           | 18.3  | Std. Error of Mean              | 4.314 |
| Coefficient of Variation     | 1.199 | Skewness                        | 1.282 |

| Normal GOF Test                |       | Shapiro Wilk GOF Test                    |  |
|--------------------------------|-------|------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.775 | Data Not Normal at 5% Significance Level |  |
| 5% Shapiro Wilk Critical Value | 0.897 | Lilliefors GOF Test                      |  |
| Lilliefors Test Statistic      | 0.28  | Data Not Normal at 5% Significance Level |  |
| 5% Lilliefors Critical Value   | 0.202 |                                          |  |

**Data Not Normal at 5% Significance Level**

| Assuming Normal Distribution |       |                                   |       |
|------------------------------|-------|-----------------------------------|-------|
| 95% Normal UCL               |       | 95% UCLs (Adjusted for Skewness)  |       |
| 95% Student's-t UCL          | 22.77 | 95% Adjusted-CLT UCL (Chen-1995)  | 23.75 |
|                              |       | 95% Modified-t UCL (Johnson-1978) | 22.98 |

| Gamma GOF Test        |       | Anderson-Darling Gamma GOF Test                                 |  |
|-----------------------|-------|-----------------------------------------------------------------|--|
| A-D Test Statistic    | 0.49  | Detected data appear Gamma Distributed at 5% Significance Level |  |
| 5% A-D Critical Value | 0.782 | Kolmogorov-Smirnov Gamma GOF Test                               |  |
| K-S Test Statistic    | 0.159 | Detected data appear Gamma Distributed at 5% Significance Level |  |
| 5% K-S Critical Value | 0.212 |                                                                 |  |

**Detected data appear Gamma Distributed at 5% Significance Level**

| Gamma Statistics               |        |                                     |       |
|--------------------------------|--------|-------------------------------------|-------|
| k hat (MLE)                    | 0.71   | k star (bias corrected MLE)         | 0.629 |
| Theta hat (MLE)                | 21.5   | Theta star (bias corrected MLE)     | 24.28 |
| nu hat (MLE)                   | 25.56  | nu star (bias corrected)            | 22.63 |
| MLE Mean (bias corrected)      | 15.26  | MLE Sd (bias corrected)             | 19.25 |
|                                |        | Approximate Chi Square Value (0.05) | 12.81 |
| Adjusted Level of Significance | 0.0357 | Adjusted Chi Square Value           | 12.11 |

| Assuming Gamma Distribution                       |       |                                             |       |
|---------------------------------------------------|-------|---------------------------------------------|-------|
| 95% Approximate Gamma UCL (use when $n \geq 50$ ) | 26.96 | 95% Adjusted Gamma UCL (use when $n < 50$ ) | 28.53 |

| Lognormal GOF Test             |       | Shapiro Wilk Lognormal GOF Test                |  |
|--------------------------------|-------|------------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.946 | Data appear Lognormal at 5% Significance Level |  |
| 5% Shapiro Wilk Critical Value | 0.897 | Lilliefors Lognormal GOF Test                  |  |
| Lilliefors Test Statistic      | 0.104 | Data appear Lognormal at 5% Significance Level |  |
| 5% Lilliefors Critical Value   | 0.202 |                                                |  |

**Data appear Lognormal at 5% Significance Level****Lognormal Statistics**

|                        |        |                     |       |
|------------------------|--------|---------------------|-------|
| Minimum of Logged Data | -0.511 | Mean of logged Data | 1.876 |
| Maximum of Logged Data | 4.025  | SD of logged Data   | 1.473 |

**Assuming Lognormal Distribution**

|                          |       |                            |       |
|--------------------------|-------|----------------------------|-------|
| 95% H-UCL                | 64.81 | 90% Chebyshev (MVUE) UCL   | 38.48 |
| 95% Chebyshev (MVUE) UCL | 48.07 | 97.5% Chebyshev (MVUE) UCL | 61.37 |
| 99% Chebyshev (MVUE) UCL | 87.51 |                            |       |

**Nonparametric Distribution Free UCL Statistics****Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

|                               |       |                              |       |
|-------------------------------|-------|------------------------------|-------|
| 95% CLT UCL                   | 22.36 | 95% Jackknife UCL            | 22.77 |
| 95% Standard Bootstrap UCL    | 22.05 | 95% Bootstrap-t UCL          | 25.82 |
| 95% Hall's Bootstrap UCL      | 22.75 | 95% Percentile Bootstrap UCL | 22.47 |
| 95% BCA Bootstrap UCL         | 23.11 |                              |       |
| 90% Chebyshev(Mean, Sd) UCL   | 28.2  | 95% Chebyshev(Mean, Sd) UCL  | 34.07 |
| 97.5% Chebyshev(Mean, Sd) UCL | 42.2  | 99% Chebyshev(Mean, Sd) UCL  | 58.19 |

**Suggested UCL to Use**

|                        |       |
|------------------------|-------|
| 95% Adjusted Gamma UCL | 28.53 |
|------------------------|-------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Barium****General Statistics**

|                              |        |                                 |        |
|------------------------------|--------|---------------------------------|--------|
| Total Number of Observations | 193    | Number of Distinct Observations | 122    |
|                              |        | Number of Missing Observations  | 0      |
| Minimum                      | 0.0039 | Mean                            | 0.0249 |
| Maximum                      | 0.0908 | Median                          | 0.0189 |
| SD                           | 0.0195 | Std. Error of Mean              | 0.0014 |
| Coefficient of Variation     | 0.784  | Skewness                        | 2.133  |

**Normal GOF Test**

|                              |        |
|------------------------------|--------|
| Shapiro Wilk Test Statistic  | 0.719  |
| 5% Shapiro Wilk P Value      | 0      |
| Lilliefors Test Statistic    | 0.237  |
| 5% Lilliefors Critical Value | 0.0642 |

**Shapiro Wilk GOF Test**

Data Not Normal at 5% Significance Level

**Lilliefors GOF Test**

Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level****Assuming Normal Distribution****95% Normal UCL**

|                     |        |
|---------------------|--------|
| 95% Student's-t UCL | 0.0272 |
|---------------------|--------|

**95% UCLs (Adjusted for Skewness)**

|                                   |        |
|-----------------------------------|--------|
| 95% Adjusted-CLT UCL (Chen-1995)  | 0.0274 |
| 95% Modified-t UCL (Johnson-1978) | 0.0272 |

**Gamma GOF Test**

|                       |        |
|-----------------------|--------|
| A-D Test Statistic    | 4.792  |
| 5% A-D Critical Value | 0.764  |
| K-S Test Statistic    | 0.145  |
| 5% K-S Critical Value | 0.0661 |

**Anderson-Darling Gamma GOF Test**

Data Not Gamma Distributed at 5% Significance Level

**Kolmogorov-Smirnov Gamma GOF Test**

Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level****Gamma Statistics**

|                                |        |                                     |        |
|--------------------------------|--------|-------------------------------------|--------|
| k hat (MLE)                    | 2.43   | k star (bias corrected MLE)         | 2.396  |
| Theta hat (MLE)                | 0.0102 | Theta star (bias corrected MLE)     | 0.0104 |
| nu hat (MLE)                   | 938    | nu star (bias corrected)            | 924.7  |
| MLE Mean (bias corrected)      | 0.0249 | MLE Sd (bias corrected)             | 0.0161 |
|                                |        | Approximate Chi Square Value (0.05) | 855.2  |
| Adjusted Level of Significance | 0.0488 | Adjusted Chi Square Value           | 854.7  |

**Assuming Gamma Distribution**

|                                                   |        |                                             |        |
|---------------------------------------------------|--------|---------------------------------------------|--------|
| 95% Approximate Gamma UCL (use when $n \geq 50$ ) | 0.0269 | 95% Adjusted Gamma UCL (use when $n < 50$ ) | 0.0269 |
|---------------------------------------------------|--------|---------------------------------------------|--------|

**Lognormal GOF Test**

|                              |           |
|------------------------------|-----------|
| Shapiro Wilk Test Statistic  | 0.955     |
| 5% Shapiro Wilk P Value      | 3.1151E-5 |
| Lilliefors Test Statistic    | 0.0986    |
| 5% Lilliefors Critical Value | 0.0642    |

**Shapiro Wilk Lognormal GOF Test**

Data Not Lognormal at 5% Significance Level

**Lilliefors Lognormal GOF Test**

Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level****Lognormal Statistics**

|                        |        |                     |        |
|------------------------|--------|---------------------|--------|
| Minimum of Logged Data | -5.547 | Mean of logged Data | -3.914 |
| Maximum of Logged Data | -2.399 | SD of logged Data   | 0.637  |

**Assuming Lognormal Distribution**

|                          |        |                            |        |
|--------------------------|--------|----------------------------|--------|
| 95% H-UCL                | 0.0267 | 90% Chebyshev (MVUE) UCL   | 0.0281 |
| 95% Chebyshev (MVUE) UCL | 0.0297 | 97.5% Chebyshev (MVUE) UCL | 0.032  |
| 99% Chebyshev (MVUE) UCL | 0.0366 |                            |        |

**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution (0.05)****Nonparametric Distribution Free UCLs**

|                               |        |                              |        |
|-------------------------------|--------|------------------------------|--------|
| 95% CLT UCL                   | 0.0272 | 95% Jackknife UCL            | 0.0272 |
| 95% Standard Bootstrap UCL    | 0.0272 | 95% Bootstrap-t UCL          | 0.0275 |
| 95% Hall's Bootstrap UCL      | 0.0274 | 95% Percentile Bootstrap UCL | 0.0273 |
| 95% BCA Bootstrap UCL         | 0.0275 |                              |        |
| 90% Chebyshev(Mean, Sd) UCL   | 0.0291 | 95% Chebyshev(Mean, Sd) UCL  | 0.031  |
| 97.5% Chebyshev(Mean, Sd) UCL | 0.0336 | 99% Chebyshev(Mean, Sd) UCL  | 0.0388 |

**Suggested UCL to Use**

|                              |       |
|------------------------------|-------|
| 95% Chebyshev (Mean, Sd) UCL | 0.031 |
|------------------------------|-------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Formaldehyde

### General Statistics

|                              |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Total Number of Observations | 156   | Number of Distinct Observations | 85    |
|                              |       | Number of Missing Observations  | 0     |
| Minimum                      | 11    | Mean                            | 97    |
| Maximum                      | 2100  | Median                          | 62.5  |
| SD                           | 187.7 | Std. Error of Mean              | 15.02 |
| Coefficient of Variation     | 1.935 | Skewness                        | 8.727 |

### Normal GOF Test

|                              |        |                                          |
|------------------------------|--------|------------------------------------------|
| Shapiro Wilk Test Statistic  | 0.326  | <b>Shapiro Wilk GOF Test</b>             |
| 5% Shapiro Wilk P Value      | 0      | Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic    | 0.325  | <b>Lilliefors GOF Test</b>               |
| 5% Lilliefors Critical Value | 0.0713 | Data Not Normal at 5% Significance Level |

**Data Not Normal at 5% Significance Level**

### Assuming Normal Distribution

#### 95% Normal UCL

95% Student's-t UCL 121.9

#### 95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 132.9  
95% Modified-t UCL (Johnson-1978) 123.6

### Gamma GOF Test

|                       |        |                                                     |
|-----------------------|--------|-----------------------------------------------------|
| A-D Test Statistic    | 7.782  | <b>Anderson-Darling Gamma GOF Test</b>              |
| 5% A-D Critical Value | 0.773  | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic    | 0.195  | <b>Kolmogorov-Smirnov Gamma GOF Test</b>            |
| 5% K-S Critical Value | 0.0766 | Data Not Gamma Distributed at 5% Significance Level |

**Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics

|                                |        |                                     |       |
|--------------------------------|--------|-------------------------------------|-------|
| k hat (MLE)                    | 1.4    | k star (bias corrected MLE)         | 1.377 |
| Theta hat (MLE)                | 69.3   | Theta star (bias corrected MLE)     | 70.44 |
| nu hat (MLE)                   | 436.7  | nu star (bias corrected)            | 429.7 |
| MLE Mean (bias corrected)      | 97     | MLE Sd (bias corrected)             | 82.66 |
|                                |        | Approximate Chi Square Value (0.05) | 382.6 |
| Adjusted Level of Significance | 0.0485 | Adjusted Chi Square Value           | 382.2 |

### Assuming Gamma Distribution

95% Approximate Gamma UCL (use when  $n \geq 50$ ) 108.9      95% Adjusted Gamma UCL (use when  $n < 50$ ) 109

### Lognormal GOF Test

|                              |           |                                             |
|------------------------------|-----------|---------------------------------------------|
| Shapiro Wilk Test Statistic  | 0.952     | <b>Shapiro Wilk Lognormal GOF Test</b>      |
| 5% Shapiro Wilk P Value      | 1.1642E-4 | Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic    | 0.101     | <b>Lilliefors Lognormal GOF Test</b>        |
| 5% Lilliefors Critical Value | 0.0713    | Data Not Lognormal at 5% Significance Level |

**Data Not Lognormal at 5% Significance Level**

### Lognormal Statistics

|                        |       |                     |       |
|------------------------|-------|---------------------|-------|
| Minimum of Logged Data | 2.398 | Mean of logged Data | 4.177 |
| Maximum of Logged Data | 7.65  | SD of logged Data   | 0.737 |

### Assuming Lognormal Distribution

|                          |       |                            |       |
|--------------------------|-------|----------------------------|-------|
| 95% H-UCL                | 96.13 | 90% Chebyshev (MVUE) UCL   | 102.2 |
| 95% Chebyshev (MVUE) UCL | 109.8 | 97.5% Chebyshev (MVUE) UCL | 120.4 |
| 99% Chebyshev (MVUE) UCL | 141.3 |                            |       |

**Nonparametric Distribution Free UCL Statistics**  
**Data do not follow a Discernible Distribution (0.05)**

| Nonparametric Distribution Free UCLs |       |                              |       |
|--------------------------------------|-------|------------------------------|-------|
| 95% CLT UCL                          | 121.7 | 95% Jackknife UCL            | 121.9 |
| 95% Standard Bootstrap UCL           | 121.7 | 95% Bootstrap-t UCL          | 163.3 |
| 95% Hall's Bootstrap UCL             | 232.5 | 95% Percentile Bootstrap UCL | 123.8 |
| 95% BCA Bootstrap UCL                | 136   |                              |       |
| 90% Chebyshev(Mean, Sd) UCL          | 142.1 | 95% Chebyshev(Mean, Sd) UCL  | 162.5 |
| 97.5% Chebyshev(Mean, Sd) UCL        | 190.8 | 99% Chebyshev(Mean, Sd) UCL  | 246.5 |

**Suggested UCL to Use**

|                              |       |
|------------------------------|-------|
| 95% Chebyshev (Mean, Sd) UCL | 162.5 |
|------------------------------|-------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Nickel**

| General Statistics           |         |                                 |           |
|------------------------------|---------|---------------------------------|-----------|
| Total Number of Observations | 25      | Number of Distinct Observations | 19        |
|                              |         | Number of Missing Observations  | 0         |
| Minimum                      | 0.0022  | Mean                            | 0.00391   |
| Maximum                      | 0.0088  | Median                          | 0.0036    |
| SD                           | 0.00164 | Std. Error of Mean              | 3.2774E-4 |
| Coefficient of Variation     | 0.419   | Skewness                        | 1.313     |

| Normal GOF Test                |       | Shapiro Wilk GOF Test                    |  |
|--------------------------------|-------|------------------------------------------|--|
| Shapiro Wilk Test Statistic    | 0.877 | Data Not Normal at 5% Significance Level |  |
| 5% Shapiro Wilk Critical Value | 0.918 |                                          |  |
| Lilliefors Test Statistic      | 0.176 | Lilliefors GOF Test                      |  |
| 5% Lilliefors Critical Value   | 0.173 | Data Not Normal at 5% Significance Level |  |

**Data Not Normal at 5% Significance Level**

| Assuming Normal Distribution |         | 95% UCLs (Adjusted for Skewness)  |         |
|------------------------------|---------|-----------------------------------|---------|
| 95% Normal UCL               |         | 95% Adjusted-CLT UCL (Chen-1995)  | 0.00454 |
| 95% Student's-t UCL          | 0.00447 | 95% Modified-t UCL (Johnson-1978) | 0.00449 |

| Gamma GOF Test        |       | Anderson-Darling Gamma GOF Test                                 |  |
|-----------------------|-------|-----------------------------------------------------------------|--|
| A-D Test Statistic    | 0.514 | Detected data appear Gamma Distributed at 5% Significance Level |  |
| 5% A-D Critical Value | 0.746 |                                                                 |  |
| K-S Test Statistic    | 0.135 | Kolmogorov-Smirnov Gamma GOF Test                               |  |
| 5% K-S Critical Value | 0.175 | Detected data appear Gamma Distributed at 5% Significance Level |  |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

|                                |           |                                     |           |
|--------------------------------|-----------|-------------------------------------|-----------|
| k hat (MLE)                    | 6.938     | k star (bias corrected MLE)         | 6.132     |
| Theta hat (MLE)                | 5.6388E-4 | Theta star (bias corrected MLE)     | 6.3798E-4 |
| nu hat (MLE)                   | 346.9     | nu star (bias corrected)            | 306.6     |
| MLE Mean (bias corrected)      | 0.00391   | MLE Sd (bias corrected)             | 0.00158   |
|                                |           | Approximate Chi Square Value (0.05) | 267       |
| Adjusted Level of Significance | 0.0395    | Adjusted Chi Square Value           | 264.5     |

**Assuming Gamma Distribution**

|                                                   |         |                                             |         |
|---------------------------------------------------|---------|---------------------------------------------|---------|
| 95% Approximate Gamma UCL (use when $n \geq 50$ ) | 0.00449 | 95% Adjusted Gamma UCL (use when $n < 50$ ) | 0.00453 |
|---------------------------------------------------|---------|---------------------------------------------|---------|

**Lognormal GOF Test**

|                                |       |                                                |
|--------------------------------|-------|------------------------------------------------|
| Shapiro Wilk Test Statistic    | 0.947 | <b>Shapiro Wilk Lognormal GOF Test</b>         |
| 5% Shapiro Wilk Critical Value | 0.918 | Data appear Lognormal at 5% Significance Level |
| Lilliefors Test Statistic      | 0.11  | <b>Lilliefors Lognormal GOF Test</b>           |
| 5% Lilliefors Critical Value   | 0.173 | Data appear Lognormal at 5% Significance Level |

**Data appear Lognormal at 5% Significance Level****Lognormal Statistics**

|                        |        |                     |        |
|------------------------|--------|---------------------|--------|
| Minimum of Logged Data | -6.119 | Mean of logged Data | -5.618 |
| Maximum of Logged Data | -4.733 | SD of logged Data   | 0.383  |

**Assuming Lognormal Distribution**

|                          |         |                            |         |
|--------------------------|---------|----------------------------|---------|
| 95% H-UCL                | 0.00452 | 90% Chebyshev (MVUE) UCL   | 0.00481 |
| 95% Chebyshev (MVUE) UCL | 0.00523 | 97.5% Chebyshev (MVUE) UCL | 0.00581 |
| 99% Chebyshev (MVUE) UCL | 0.00694 |                            |         |

**Nonparametric Distribution Free UCL Statistics****Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

|                               |         |                              |         |
|-------------------------------|---------|------------------------------|---------|
| 95% CLT UCL                   | 0.00445 | 95% Jackknife UCL            | 0.00447 |
| 95% Standard Bootstrap UCL    | 0.00443 | 95% Bootstrap-t UCL          | 0.00461 |
| 95% Hall's Bootstrap UCL      | 0.00462 | 95% Percentile Bootstrap UCL | 0.00446 |
| 95% BCA Bootstrap UCL         | 0.00452 |                              |         |
| 90% Chebyshev(Mean, Sd) UCL   | 0.0049  | 95% Chebyshev(Mean, Sd) UCL  | 0.00534 |
| 97.5% Chebyshev(Mean, Sd) UCL | 0.00596 | 99% Chebyshev(Mean, Sd) UCL  | 0.00717 |

**Suggested UCL to Use**

|                        |         |
|------------------------|---------|
| 95% Adjusted Gamma UCL | 0.00453 |
|------------------------|---------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Napthalene****General Statistics**

|                              |     |                                 |       |
|------------------------------|-----|---------------------------------|-------|
| Total Number of Observations | 61  | Number of Distinct Observations | 38    |
|                              |     | Number of Missing Observations  | 0     |
| Minimum                      | 0.1 | Mean                            | 8.183 |

|                          |       |                    |       |
|--------------------------|-------|--------------------|-------|
| Maximum                  | 54    | Median             | 1     |
| SD                       | 13.12 | Std. Error of Mean | 1.68  |
| Coefficient of Variation | 1.603 | Skewness           | 1.997 |

#### Normal GOF Test

|                              |       |                                          |
|------------------------------|-------|------------------------------------------|
| Shapiro Wilk Test Statistic  | 0.662 | <b>Shapiro Wilk GOF Test</b>             |
| 5% Shapiro Wilk P Value      | 0     | Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic    | 0.29  | <b>Lilliefors GOF Test</b>               |
| 5% Lilliefors Critical Value | 0.113 | Data Not Normal at 5% Significance Level |

**Data Not Normal at 5% Significance Level**

#### Assuming Normal Distribution

##### 95% Normal UCL

|                     |       |
|---------------------|-------|
| 95% Student's-t UCL | 10.99 |
|---------------------|-------|

##### 95% UCLs (Adjusted for Skewness)

|                                   |       |
|-----------------------------------|-------|
| 95% Adjusted-CLT UCL (Chen-1995)  | 11.4  |
| 95% Modified-t UCL (Johnson-1978) | 11.06 |

#### Gamma GOF Test

|                       |       |                                                     |
|-----------------------|-------|-----------------------------------------------------|
| A-D Test Statistic    | 2.741 | <b>Anderson-Darling Gamma GOF Test</b>              |
| 5% A-D Critical Value | 0.829 | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic    | 0.235 | <b>Kolmogorov-Smirnov Gamma GOF Test</b>            |
| 5% K-S Critical Value | 0.121 | Data Not Gamma Distributed at 5% Significance Level |

**Data Not Gamma Distributed at 5% Significance Level**

#### Gamma Statistics

|                                |        |                                     |       |
|--------------------------------|--------|-------------------------------------|-------|
| k hat (MLE)                    | 0.447  | k star (bias corrected MLE)         | 0.436 |
| Theta hat (MLE)                | 18.32  | Theta star (bias corrected MLE)     | 18.78 |
| nu hat (MLE)                   | 54.49  | nu star (bias corrected)            | 53.14 |
| MLE Mean (bias corrected)      | 8.183  | MLE Sd (bias corrected)             | 12.4  |
|                                |        | Approximate Chi Square Value (0.05) | 37.4  |
| Adjusted Level of Significance | 0.0461 | Adjusted Chi Square Value           | 37.08 |

#### Assuming Gamma Distribution

|                                             |       |                                        |       |
|---------------------------------------------|-------|----------------------------------------|-------|
| 95% Approximate Gamma UCL (use when n>=50)) | 11.63 | 95% Adjusted Gamma UCL (use when n<50) | 11.73 |
|---------------------------------------------|-------|----------------------------------------|-------|

#### Lognormal GOF Test

|                              |           |                                             |
|------------------------------|-----------|---------------------------------------------|
| Shapiro Wilk Test Statistic  | 0.92      | <b>Shapiro Wilk Lognormal GOF Test</b>      |
| 5% Shapiro Wilk P Value      | 4.9919E-4 | Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic    | 0.163     | <b>Lilliefors Lognormal GOF Test</b>        |
| 5% Lilliefors Critical Value | 0.113     | Data Not Lognormal at 5% Significance Level |

**Data Not Lognormal at 5% Significance Level**

#### Lognormal Statistics

|                        |        |                     |       |
|------------------------|--------|---------------------|-------|
| Minimum of Logged Data | -2.303 | Mean of logged Data | 0.655 |
| Maximum of Logged Data | 3.989  | SD of logged Data   | 1.854 |

#### Assuming Lognormal Distribution

|                          |       |                            |       |
|--------------------------|-------|----------------------------|-------|
| 95% H-UCL                | 21.76 | 90% Chebyshev (MVUE) UCL   | 20.37 |
| 95% Chebyshev (MVUE) UCL | 25.07 | 97.5% Chebyshev (MVUE) UCL | 31.59 |
| 99% Chebyshev (MVUE) UCL | 44.4  |                            |       |

#### Nonparametric Distribution Free UCL Statistics

**Data do not follow a Discernible Distribution (0.05)**

### Nonparametric Distribution Free UCLs

|                               |       |                              |       |
|-------------------------------|-------|------------------------------|-------|
| 95% CLT UCL                   | 10.95 | 95% Jackknife UCL            | 10.99 |
| 95% Standard Bootstrap UCL    | 10.92 | 95% Bootstrap-t UCL          | 11.58 |
| 95% Hall's Bootstrap UCL      | 11.44 | 95% Percentile Bootstrap UCL | 11.13 |
| 95% BCA Bootstrap UCL         | 11.26 |                              |       |
| 90% Chebyshev(Mean, Sd) UCL   | 13.22 | 95% Chebyshev(Mean, Sd) UCL  | 15.51 |
| 97.5% Chebyshev(Mean, Sd) UCL | 18.67 | 99% Chebyshev(Mean, Sd) UCL  | 24.9  |

### Suggested UCL to Use

|                              |       |
|------------------------------|-------|
| 95% Chebyshev (Mean, Sd) UCL | 15.51 |
|------------------------------|-------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Selenium

### General Statistics

|                              |           |                                 |           |
|------------------------------|-----------|---------------------------------|-----------|
| Total Number of Observations | 105       | Number of Distinct Observations | 64        |
|                              |           | Number of Missing Observations  | 0         |
| Minimum                      | 2.8000E-4 | Mean                            | 0.00125   |
| Maximum                      | 0.0057    | Median                          | 8.6000E-4 |
| SD                           | 0.00102   | Std. Error of Mean              | 9.9588E-5 |
| Coefficient of Variation     | 0.814     | Skewness                        | 2.097     |

### Normal GOF Test

|                              |        |
|------------------------------|--------|
| Shapiro Wilk Test Statistic  | 0.76   |
| 5% Shapiro Wilk P Value      | 0      |
| Lilliefors Test Statistic    | 0.236  |
| 5% Lilliefors Critical Value | 0.0867 |

### Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

### Lilliefors GOF Test

Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

### Assuming Normal Distribution

#### 95% Normal UCL

|                     |         |
|---------------------|---------|
| 95% Student's-t UCL | 0.00142 |
|---------------------|---------|

#### 95% UCLs (Adjusted for Skewness)

|                                   |         |
|-----------------------------------|---------|
| 95% Adjusted-CLT UCL (Chen-1995)  | 0.00144 |
| 95% Modified-t UCL (Johnson-1978) | 0.00142 |

### Gamma GOF Test

|                       |        |
|-----------------------|--------|
| A-D Test Statistic    | 2.708  |
| 5% A-D Critical Value | 0.764  |
| K-S Test Statistic    | 0.161  |
| 5% K-S Critical Value | 0.0892 |

### Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

### Kolmogorov-Smirnov Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

### Gamma Statistics

|                                |           |                                     |           |
|--------------------------------|-----------|-------------------------------------|-----------|
| k hat (MLE)                    | 2.213     | k star (bias corrected MLE)         | 2.156     |
| Theta hat (MLE)                | 5.6679E-4 | Theta star (bias corrected MLE)     | 5.8175E-4 |
| nu hat (MLE)                   | 464.7     | nu star (bias corrected)            | 452.8     |
| MLE Mean (bias corrected)      | 0.00125   | MLE Sd (bias corrected)             | 8.5421E-4 |
|                                |           | Approximate Chi Square Value (0.05) | 404.4     |
| Adjusted Level of Significance | 0.0477    | Adjusted Chi Square Value           | 403.8     |

### Assuming Gamma Distribution

95% Approximate Gamma UCL (use when  $n \geq 50$ ) 0.0014 95% Adjusted Gamma UCL (use when  $n < 50$ ) 0.00141

### Lognormal GOF Test

|                              |         |                                             |
|------------------------------|---------|---------------------------------------------|
| Shapiro Wilk Test Statistic  | 0.956   | <b>Shapiro Wilk Lognormal GOF Test</b>      |
| 5% Shapiro Wilk P Value      | 0.00793 | Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic    | 0.11    | <b>Lilliefors Lognormal GOF Test</b>        |
| 5% Lilliefors Critical Value | 0.0867  | Data Not Lognormal at 5% Significance Level |

**Data Not Lognormal at 5% Significance Level**

### Lognormal Statistics

|                        |        |                     |        |
|------------------------|--------|---------------------|--------|
| Minimum of Logged Data | -8.181 | Mean of logged Data | -6.924 |
| Maximum of Logged Data | -5.167 | SD of logged Data   | 0.673  |

### Assuming Lognormal Distribution

|                          |         |                            |         |
|--------------------------|---------|----------------------------|---------|
| 95% H-UCL                | 0.0014  | 90% Chebyshev (MVUE) UCL   | 0.0015  |
| 95% Chebyshev (MVUE) UCL | 0.00162 | 97.5% Chebyshev (MVUE) UCL | 0.00179 |
| 99% Chebyshev (MVUE) UCL | 0.00211 |                            |         |

### Nonparametric Distribution Free UCL Statistics

**Data do not follow a Discernible Distribution (0.05)**

### Nonparametric Distribution Free UCLs

|                               |         |                              |         |
|-------------------------------|---------|------------------------------|---------|
| 95% CLT UCL                   | 0.00142 | 95% Jackknife UCL            | 0.00142 |
| 95% Standard Bootstrap UCL    | 0.00142 | 95% Bootstrap-t UCL          | 0.00144 |
| 95% Hall's Bootstrap UCL      | 0.00144 | 95% Percentile Bootstrap UCL | 0.00143 |
| 95% BCA Bootstrap UCL         | 0.00145 |                              |         |
| 90% Chebyshev(Mean, Sd) UCL   | 0.00155 | 95% Chebyshev(Mean, Sd) UCL  | 0.00169 |
| 97.5% Chebyshev(Mean, Sd) UCL | 0.00188 | 99% Chebyshev(Mean, Sd) UCL  | 0.00225 |

### Suggested UCL to Use

95% Chebyshev (Mean, Sd) UCL 0.00169

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Vanadium

### General Statistics

|                              |           |                                 |           |
|------------------------------|-----------|---------------------------------|-----------|
| Total Number of Observations | 170       | Number of Distinct Observations | 104       |
|                              |           | Number of Missing Observations  | 1         |
| Minimum                      | 2.5000E-4 | Mean                            | 0.00629   |
| Maximum                      | 0.0563    | Median                          | 0.0034    |
| SD                           | 0.00943   | Std. Error of Mean              | 7.2310E-4 |
| Coefficient of Variation     | 1.498     | Skewness                        | 3.521     |

### Normal GOF Test

|                             |       |                                          |
|-----------------------------|-------|------------------------------------------|
| Shapiro Wilk Test Statistic | 0.582 | <b>Shapiro Wilk GOF Test</b>             |
| 5% Shapiro Wilk P Value     | 0     | Data Not Normal at 5% Significance Level |

|                              |        |                                          |
|------------------------------|--------|------------------------------------------|
| Lilliefors Test Statistic    | 0.261  | <b>Lilliefors GOF Test</b>               |
| 5% Lilliefors Critical Value | 0.0684 | Data Not Normal at 5% Significance Level |

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL 0.00749

**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 0.00769

95% Modified-t UCL (Johnson-1978) 0.00752

**Gamma GOF Test**

A-D Test Statistic 2.783

5% A-D Critical Value 0.791

K-S Test Statistic 0.0995

5% K-S Critical Value 0.0739

**Anderson-Darling Gamma GOF Test**

Data Not Gamma Distributed at 5% Significance Level

**Kolmogorov-Smirnov Gamma GOF Test**

Data Not Gamma Distributed at 5% Significance Level

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE) 0.843

Theta hat (MLE) 0.00746

nu hat (MLE) 286.8

MLE Mean (bias corrected) 0.00629

Adjusted Level of Significance 0.0486

k star (bias corrected MLE) 0.832

Theta star (bias corrected MLE) 0.00756

nu star (bias corrected) 283

MLE Sd (bias corrected) 0.0069

Approximate Chi Square Value (0.05) 245.1

Adjusted Chi Square Value 244.8

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50)) 0.00727

95% Adjusted Gamma UCL (use when n<50) 0.00728

**Lognormal GOF Test**

Shapiro Wilk Test Statistic 0.967

5% Shapiro Wilk P Value 0.016

Lilliefors Test Statistic 0.0743

5% Lilliefors Critical Value 0.0684

**Shapiro Wilk Lognormal GOF Test**

Data Not Lognormal at 5% Significance Level

**Lilliefors Lognormal GOF Test**

Data Not Lognormal at 5% Significance Level

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data -8.294

Maximum of Logged Data -2.877

Mean of logged Data -5.767

SD of logged Data 1.201

**Assuming Lognormal Distribution**

95% H-UCL 0.00799

95% Chebyshev (MVUE) UCL 0.00969

99% Chebyshev (MVUE) UCL 0.0139

90% Chebyshev (MVUE) UCL 0.00866

97.5% Chebyshev (MVUE) UCL 0.0111

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution (0.05)**

**Nonparametric Distribution Free UCLs**

95% CLT UCL 0.00748

95% Standard Bootstrap UCL 0.00747

95% Hall's Bootstrap UCL 0.00779

95% BCA Bootstrap UCL 0.00778

90% Chebyshev(Mean, Sd) UCL 0.00846

97.5% Chebyshev(Mean, Sd) UCL 0.0108

95% Jackknife UCL 0.00749

95% Bootstrap-t UCL 0.00786

95% Percentile Bootstrap UCL 0.00755

95% Chebyshev(Mean, Sd) UCL 0.00944

99% Chebyshev(Mean, Sd) UCL 0.0135

### Suggested UCL to Use

95% Chebyshev (Mean, Sd) UCL 0.00944

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

### Xylenes

#### General Statistics

|                              |       |                                 |       |
|------------------------------|-------|---------------------------------|-------|
| Total Number of Observations | 47    | Number of Distinct Observations | 29    |
|                              |       | Number of Missing Observations  | 0     |
| Minimum                      | 0.1   | Mean                            | 9.991 |
| Maximum                      | 33    | Median                          | 9.8   |
| SD                           | 9.575 | Std. Error of Mean              | 1.397 |
| Coefficient of Variation     | 0.958 | Skewness                        | 0.606 |

#### Normal GOF Test

|                                |       |                                          |
|--------------------------------|-------|------------------------------------------|
| Shapiro Wilk Test Statistic    | 0.862 | <b>Shapiro Wilk GOF Test</b>             |
| 5% Shapiro Wilk Critical Value | 0.946 | Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic      | 0.237 | <b>Lilliefors GOF Test</b>               |
| 5% Lilliefors Critical Value   | 0.128 | Data Not Normal at 5% Significance Level |

**Data Not Normal at 5% Significance Level**

#### Assuming Normal Distribution

##### 95% Normal UCL

95% Student's-t UCL 12.34

##### 95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 12.42  
95% Modified-t UCL (Johnson-1978) 12.36

#### Gamma GOF Test

|                       |       |                                                     |
|-----------------------|-------|-----------------------------------------------------|
| A-D Test Statistic    | 3.271 | <b>Anderson-Darling Gamma GOF Test</b>              |
| 5% A-D Critical Value | 0.809 | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic    | 0.217 | <b>Kolmogorov-Smirnov Gamma GOF Test</b>            |
| 5% K-S Critical Value | 0.136 | Data Not Gamma Distributed at 5% Significance Level |

**Data Not Gamma Distributed at 5% Significance Level**

#### Gamma Statistics

|                                |        |                                     |       |
|--------------------------------|--------|-------------------------------------|-------|
| k hat (MLE)                    | 0.549  | k star (bias corrected MLE)         | 0.528 |
| Theta hat (MLE)                | 18.21  | Theta star (bias corrected MLE)     | 18.93 |
| nu hat (MLE)                   | 51.58  | nu star (bias corrected)            | 49.62 |
| MLE Mean (bias corrected)      | 9.991  | MLE Sd (bias corrected)             | 13.75 |
|                                |        | Approximate Chi Square Value (0.05) | 34.45 |
| Adjusted Level of Significance | 0.0449 | Adjusted Chi Square Value           | 34.05 |

#### Assuming Gamma Distribution

95% Approximate Gamma UCL (use when  $n \geq 50$ ) 14.39 95% Adjusted Gamma UCL (use when  $n < 50$ ) 14.56

#### Lognormal GOF Test

|                                |       |                                             |
|--------------------------------|-------|---------------------------------------------|
| Shapiro Wilk Test Statistic    | 0.799 | <b>Shapiro Wilk Lognormal GOF Test</b>      |
| 5% Shapiro Wilk Critical Value | 0.946 | Data Not Lognormal at 5% Significance Level |

|                              |       |                                             |
|------------------------------|-------|---------------------------------------------|
| Lilliefors Test Statistic    | 0.277 | <b>Lilliefors Lognormal GOF Test</b>        |
| 5% Lilliefors Critical Value | 0.128 | Data Not Lognormal at 5% Significance Level |

**Data Not Lognormal at 5% Significance Level**

**Lognormal Statistics**

|                        |        |                     |       |
|------------------------|--------|---------------------|-------|
| Minimum of Logged Data | -2.303 | Mean of logged Data | 1.161 |
| Maximum of Logged Data | 3.497  | SD of logged Data   | 1.978 |

**Assuming Lognormal Distribution**

|                          |       |                            |       |
|--------------------------|-------|----------------------------|-------|
| 95% H-UCL                | 63.79 | 90% Chebyshev (MVUE) UCL   | 45.43 |
| 95% Chebyshev (MVUE) UCL | 56.86 | 97.5% Chebyshev (MVUE) UCL | 72.73 |
| 99% Chebyshev (MVUE) UCL | 103.9 |                            |       |

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution (0.05)**

**Nonparametric Distribution Free UCLs**

|                               |       |                              |       |
|-------------------------------|-------|------------------------------|-------|
| 95% CLT UCL                   | 12.29 | 95% Jackknife UCL            | 12.34 |
| 95% Standard Bootstrap UCL    | 12.29 | 95% Bootstrap-t UCL          | 12.35 |
| 95% Hall's Bootstrap UCL      | 12.46 | 95% Percentile Bootstrap UCL | 12.27 |
| 95% BCA Bootstrap UCL         | 12.14 |                              |       |
| 90% Chebyshev(Mean, Sd) UCL   | 14.18 | 95% Chebyshev(Mean, Sd) UCL  | 16.08 |
| 97.5% Chebyshev(Mean, Sd) UCL | 18.71 | 99% Chebyshev(Mean, Sd) UCL  | 23.89 |

**Suggested UCL to Use**

|                              |       |
|------------------------------|-------|
| 95% Chebyshev (Mean, Sd) UCL | 16.08 |
|------------------------------|-------|

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Attachment 3**  
**Groundwater/Surface Water Interactions**

# Groundwater/Surface Water Interactions

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Part of the support documentation required for renewal of the Resource Conservation and Recovery Act permit for the landfill is as follows:

(1) risk assessment evaluations that include the effects of groundwater discharges from beneath the landfill into Todd Creek; and (2) development of site-specific Todd Creek Target Levels. This evaluation of groundwater/surface water interactions was completed in 2010 as part of the 2011 permit (CH2M 2011).

As part of this permit renewal application the assumptions in 2010 evaluation were reviewed and compared with the currently available data/information to determine if any updates were necessary. There is no new data on the underlying physical characteristics of the aquifer (porosity, effective porosity, and hydraulic conductivity) and there is no new data on surface water flow in Todd Creek; therefore, the assumptions in the 2010 evaluation remain valid. Semi-annual groundwater monitoring has been conducted since the previous evaluation and the groundwater velocity for the aquifer has been calculated for each event. The average reported groundwater velocity for the time period March 2018 through March 2023 was 56 feet/year which is lower than the value of 98 feet/year used in the 2010 evaluation indicating that the 2010 evaluation was more conservative (e.g., a higher groundwater discharge results in less dilution and mixing) than current measurements and therefore the calculations herein were not updated with more recent data. Section E.9d.3.2 provides the risk assessment summary, and Appendix G contains the supporting information.

The Todd Creek Target Level development process included estimating the mixing potential for groundwater seepage into Todd Creek. This section of the revised permit application provides background information on the groundwater–surface water interactions in the vicinity of the landfill and summarizes the approach and process used to estimate a potential range of mixing factors for groundwater discharging into Todd Creek.

## 1. Background and Conceptual Model

Todd Creek is a meandering tidal creek that is hydraulically connected with the Satilla River via Floyd Basin and Floyd Cut (Figure 1). Floyd Cut is connected with Floyd Creek, the southern end of which discharges to the Cumberland River. The Satilla and Cumberland Rivers discharge into a coastal embayment that is part of St. Andrews Sound.

Todd Creek is approximately 300 feet wide with depths up to 25 feet below National Geodetic Vertical Datum in the vicinity of the landfill.

Currents within Todd Creek in the project vicinity are largely driven by tidal action as water levels rise and fall, causing flood and ebb currents with water flowing through the creek channels and over the marsh flats to the north. In addition to astronomical tides, sudden increases in water levels, called storm surges, can occur during passage of significant storms. To a lesser extent, surface water runoff and groundwater seepage into Todd Creek results in a riverine component of the current flowing out toward the mouth of the creek.

Groundwater that seeps into Todd Creek is transported via advection with currents (both tidal and riverine) and dispersion through a number of dispersive mechanisms such as shear flow dispersion, tidal trapping, and mixing and density effects caused by freshwater inflows. Tidal currents average to a net zero flow over time, so for the purposes of calculating buildup of groundwater in the river over time, tidal current

velocities are neglected; however, their effects can be accounted for by appropriately selected longitudinal dispersion coefficients. Riverine currents are caused by any freshwater flows into the creek (e.g., runoff, groundwater discharge) and affect mixing of the groundwater discharges from beneath the landfill area by increasing the net flow past the site and advecting the discharges away, resulting in less buildup of groundwater at the site. To give a conservative mixing factor, in this analysis it was assumed that groundwater flow from beneath the landfill site is the sole source of riverine flow in Todd Creek.

A steady-state approach similar to the “salt balance” concept for salinity levels in an estuary presented in Fischer et al. (1979) was used to estimate the potential long-term buildup of groundwater concentrations and evaluate a range of mixing factors in Todd Creek. The salt balance concept addresses the equilibrium condition in which the salinity advected downstream with current flow in an estuary is equal to the dispersive transport upstream. A similar approach can be used to evaluate the equilibrium condition for transport and mixing of groundwater in Todd Creek. For the purposes of this analysis, the salinity concentration in the salt balance equation is replaced by a concentration of “clean” water, where the clean water is considered to be the water that is available for mixing with the groundwater that seeps into the creek, similar to the way saltwater enters the mouth of an estuary and mixes with the freshwater. The water in Todd Creek is treated as a mixture of clean water that enters through the mouth of the creek and groundwater that seeps in from the project site. Accordingly, the salt balance equation can be rewritten for this scenario as:

$$U_f C K = \left( \frac{\partial C}{\partial x} \right)$$

where:

$U_f$  = the downstream riverine velocity

$C$  = concentration of clean water

$K$  = the longitudinal dispersion coefficient that accounts for all dispersive mechanisms in a tidally influenced creek

$\left( \frac{\partial C}{\partial x} \right)$  = the longitudinal concentration gradient of clean water

This equation says, that under equilibrium conditions, the transport of clean water downstream with currents,  $U_f C$ , is equal to transport upstream due to dispersive mechanisms. This equation can be applied to Todd Creek to describe the distribution of clean water concentrations through the creek and, therefore, the relative concentration of groundwater along the creek.

For the purposes of this analysis, the concentration of clean water,  $C$ , is defined as the relative concentration or fraction of clean water in a sample taken from the creek. Conversely, the relative concentration of the sample that comes from groundwater is  $1-C$  (i.e., a sample of water with no groundwater impact would have a relative concentration of 1.0). For a sample composed of 90 percent freshwater and 10 percent groundwater, the relative concentration,  $C$ , would be 0.9 and the associated concentration, or fraction, of groundwater would be 0.1. Using this approach, the mixing factor for the groundwater can be calculated as  $1/(1-C)$ . For example, if the clean water concentration is 0.9 (90 percent clean water), the relative concentration of groundwater would be 0.1 and the mixing factor would be equal to 10.

If the concentration gradient is taken as the difference in concentration between the site and the mouth of the creek over the distance between the site to the creek mouth and the concentration,  $C$ , is taken as the average concentration along this reach, the concentration of clean water at the site can be calculated as:

$$C_{site} C_0 = \left( \frac{2K - U_f L}{2K + U_f L} \right)$$

where:

$C_{site}$  = concentration of clean water at the site

$C_0$  = concentration of clean water at the mouth of the creek

$L$  = length of the creek segment between the site and the mouth

$U_f$  = downstream riverine velocity

$K$  = longitudinal dispersion coefficient that accounts for all dispersive mechanisms in a tidally influenced creek

In this way, the concentration of clean water at the site can be calculated given the concentration of clean water at the mouth of the creek, the longitudinal dispersion coefficient, and the riverine flow in the creek.

## 2. Estimating the Groundwater Discharge Component

According to the conceptual model approach, the only source of riverine flow is assumed to be the groundwater discharge into Todd Creek from beneath the landfill area. The groundwater flow component was estimated using Darcy's Law to approximate the lateral steady-state flow entering the south side of the creek. This would be the main contributing discharge in the vicinity given the topography in the marshland areas to the north.

Darcy's Law for 1-dimensional steady-state flow toward Todd Creek is defined as follows:

$$Q = T * i * W \Rightarrow K * b * i * W,$$

where:

$Q$  in the discharge ( $L^3/t$ )

$T$  is the aquifer transmissivity ( $L^2/t$ ), or  $K$  (saturated hydraulic conductivity,  $L/t$ ) multiplied by  $b$  (saturated thickness of groundwater zone,  $L$ )

$i$  is the hydraulic gradient of the groundwater flow field (dimensionless)  $W$  is the width of the groundwater flow field along the reach of interest ( $L$ )

Also, by definition:

$V_d$  = the Darcy velocity, ( $L^3/L^2*t$ ) =  $K*i$

$V_s$  = the seepage velocity ( $L/t$ ), calculated as  $V_d$  divided by the effective porosity,  $n_e$ .

So, by substitution,  $Q = V_d * b * W$  becomes the working equation for estimating groundwater flow to Todd Creek. Values for the input variables are defined below:

- $V_s$  has been previously reported (42<sup>nd</sup> Semi-Annual Groundwater Monitoring and Corrective Actions Report [CH2M 2010]) as approximately 98 feet/year, or about 0.27 feet/day, through the area;
- Assuming an  $n_e$  of approximately 0.3 for media results in an estimated  $V_d$  of ~0.081 feet<sup>3</sup>/foot<sup>2</sup>-day (i.e., 0.27 \* 0.3);

- A saturated thickness of 80 feet is a reasonable estimate for the surficial aquifer beneath the area, based on hydrogeologic information for the area;
- The width of the groundwater flow field toward the creek adjacent to the landfill is taken to be the approximate width of the landfill, or about 1,750 feet.

Thus, substituting the parameter values provides an estimated steady-state groundwater flow,  $Q$ , of about 11,340 cubic feet per day ( $\text{ft}^3/\text{day}$ ), rounded up to an estimated  $Q$  of 11,500  $\text{ft}^3/\text{day}$ , or equivalent to 0.13  $\text{ft}^3$  per second.

### 3. Estimating the Mixing Factor Range

For the mixing factor calculations,  $L$  is assumed to be 2.88 miles, the approximate channel distance from the site vicinity to the mouth of Todd Creek at Fairfield Point (Figure 1), and the concentration of clean water at the mouth is set to 1 (i.e., all chemical concentrations in groundwater are effectively removed at this point by the downgradient reaches of Floyd Cut and the Satilla River). As previously noted, the groundwater contribution to Todd Creek in the landfill area was assumed to be the only source of riverine flow. This should be considered a very conservative assumption, since groundwater flow from the site represents only a small fraction of the groundwater entering the creek along its length, and also neglects numerous un-gauged surface water tributaries flowing into Todd Creek.

Site-specific measurements of the longitudinal dispersion coefficient are not available; therefore, a range of values for this application was used based on published values (Fischer et al. 1979) ranging from 10 to 1,500 square meters per second ( $\text{m}^2/\text{s}$ ) (108 to about 16,000 square feet per second [ $\text{ft}^2/\text{s}$ ]), with the bulk in the range of 100 to 300  $\text{m}^2/\text{s}$  (1,080 to 3,240  $\text{ft}^2/\text{s}$ ). It is noted that the lowest values presented, between 10 and 50  $\text{m}^2/\text{s}$  (108 and 540  $\text{ft}^2/\text{s}$ ), are generally found in the constant-density portions of estuaries.

As another conservative assumption, it was assumed Todd Creek was completely mixed with a longitudinal dispersion coefficient range of 10 to 60  $\text{m}^2/\text{s}$  (108 to 646  $\text{ft}^2/\text{s}$ ). The value of  $K = 60 \text{ m}^2/\text{s}$  is a theoretically calculated limit for shear flow dispersion in a constant-density estuary.

As outlined above, the contributing groundwater discharge from beneath the landfill area was set to 0.13 cubic feet per second ( $\text{ft}^3/\text{s}$ ). Transect cross-section data shown on Figures 2 and 3 were used to determine the approximate flow area for the creek. Based on these data, a cross-sectional area of 4,500 square feet was chosen. This selected area represents the smallest value and thus conservatively represents the mixing zone within the cross-section.

The mixing factor is the reciprocal of the relative concentration ( $C$ ). Because the relative groundwater concentration is, by definition ( $1-C$ ), the groundwater mixing factor at the site can be calculated as follows:

$$S_{GW} = \left( \frac{1}{1 - C_{\text{site}}} \right)$$

where:

$S_{GW}$  = the mixing factor for groundwater flow from the site

$C_{\text{site}}$  = relative clean water concentration at the site

To estimate a concentration of a constituent in the creek surface water, the concentration of the constituent in the groundwater is divided by the calculated mixing factor.

## 4. Results and Conclusions

Mixing factors calculated as described above are presented in Table 1:

**TABLE 1. Mixing Factors for Todd Creek**

| Longitudinal Dispersion Coefficient, K |                      | Mixing Factor |
|----------------------------------------|----------------------|---------------|
| (m <sup>2</sup> /s)                    | (ft <sup>2</sup> /s) |               |
| 10                                     | 108                  | 240           |
| 60                                     | 486                  | 1,440         |

The values presented in Table 1 should be considered conservative for the following reasons:

- Mixing was calculated based on longitudinal dispersion coefficients representative of shear flow dispersion in well-mixed estuaries with the water available for mixing entering at the mouth of the creek. Todd Creek overflows its banks onto the tidal marsh to the north daily, resulting in tidal trapping and additional mixing with water from the Satilla River, both of which increase mixing and reduce concentrations of constituents discharging from groundwater into the creek.
- Riverine flow was assumed to be due to groundwater contributions from the site only.
- Additional freshwater flows due to other groundwater seeps along the length of the creek and numerous other freshwater inflows upstream of the site provide additional water and advect the groundwater away more rapidly, resulting in less buildup at the site.
- The smallest cross-sectional area surveyed in Todd Creek was used. This reduces the level of calculated mixing with water from downstream and decreases the calculated mixing factor. Larger river areas downstream of the site result in lower velocities and a greater amount of "clean" water from the mouth to penetrate upstream through dispersive mechanisms and mix with the groundwater at the site.

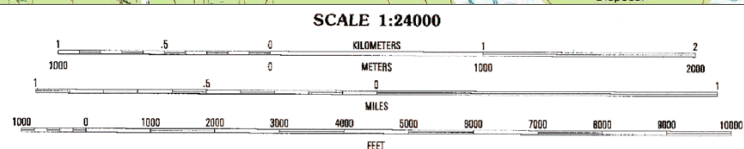
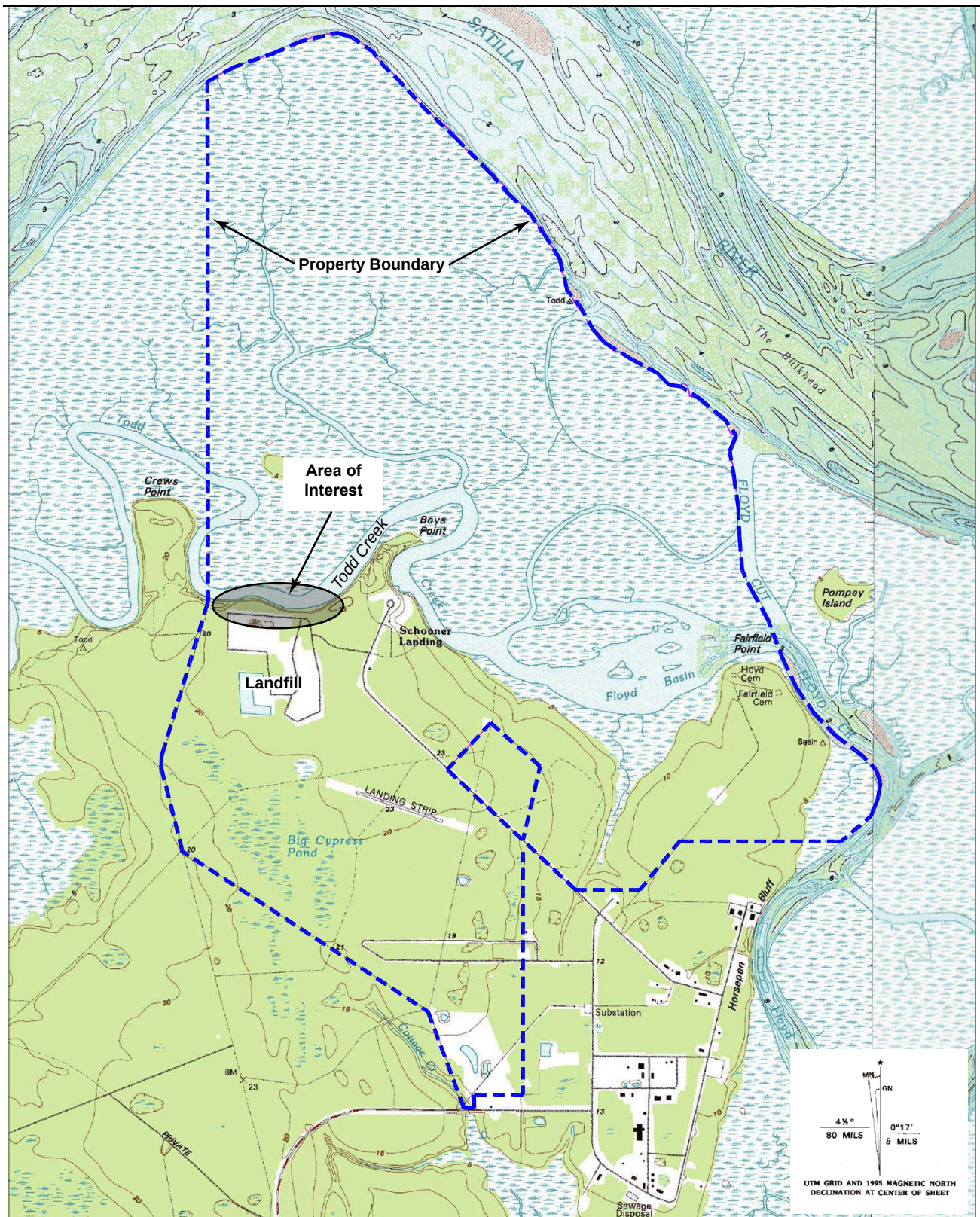
Based on the conservative analysis described above, the estimated range of mixing factors is from 240 to 1,440. The lower end of this range is believed to be unrealistically low based on factors discussed above. Considering the conservatism built into these calculations, using a mixing factor of 1,440 is more realistic.

## 5. References

CH2M HILL Engineers, Inc. (CH2M). 2010. *42nd Semiannual Groundwater Monitoring and 24th Annual Corrective Action Effectiveness Report*, Permit HW-063 (D), Union Carbide Corporation, Woodbine, Camden County, GA, Georgia EPD ID No. GA981235294. January.

CH2M HILL Engineers, Inc. (CH2M). 2011. *Hazardous Waste Facility Permit Renewal Application, Permit No. HW-63(D)*. January.

Fischer, H.B., E.J. List, R.C.Y. Koh, J. Imberger, and N.H. Brooks. 1979. *Mixing in Inland and Coastal Waterways*. San Diego: Academic Press, Inc.



NOTE: Boundary location is approximate.

Map Source: USGS 7.5 minute topographic quadrangles, Cumberland Island North, 1993; Kings Island NE, 1993.

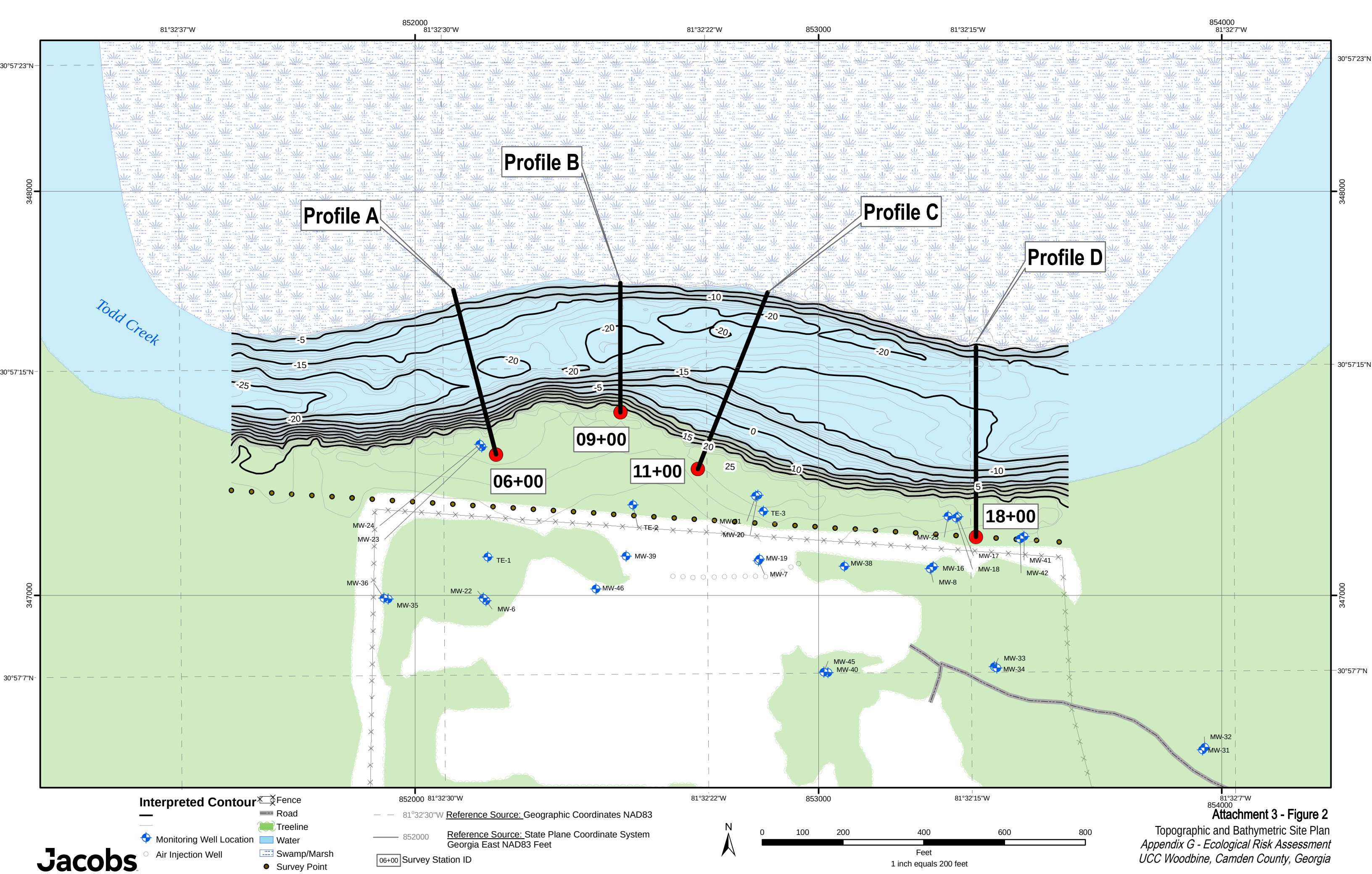
CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY  
0.5 METER CONTOURS-DATUM IS MEAN LOWER LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

**Attachment 3 - Figure 1**  
Site Map

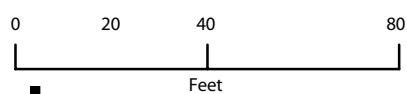
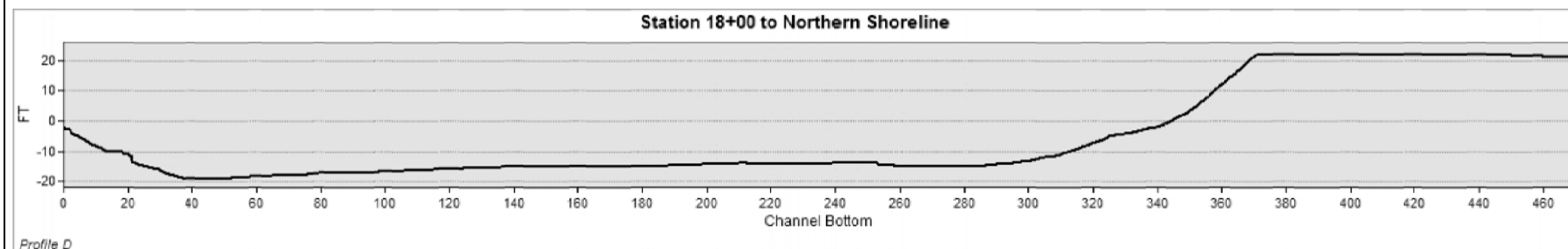
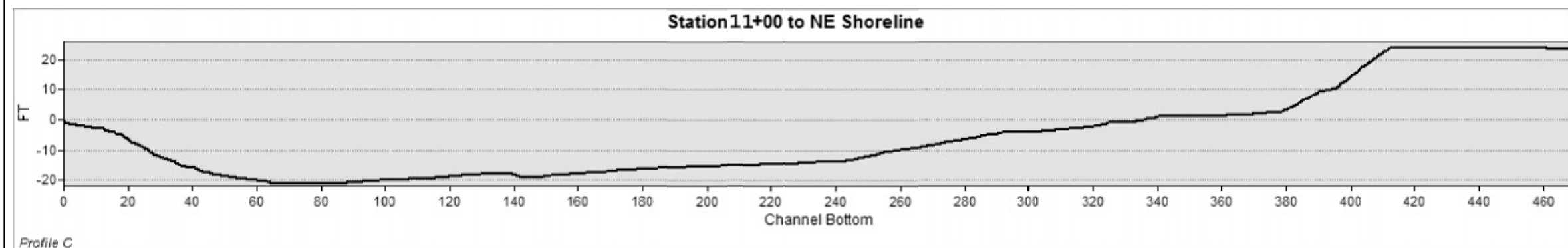
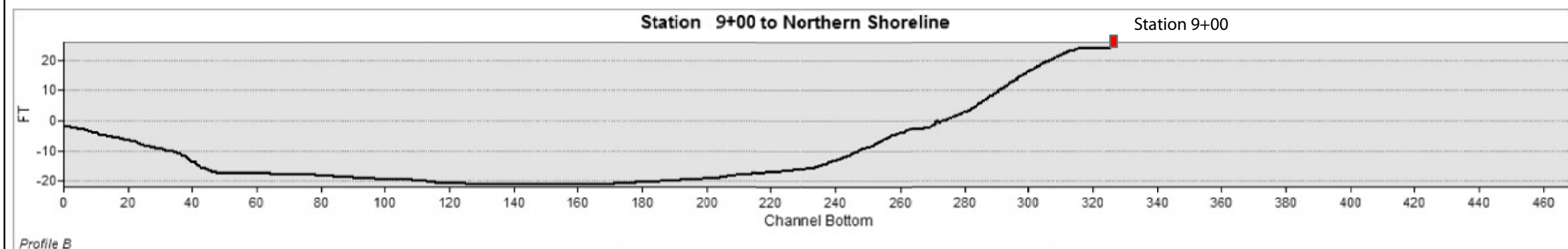
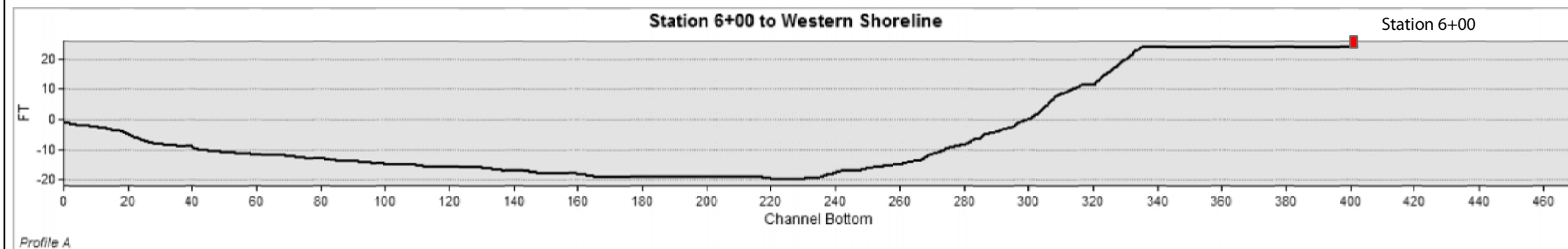
*Appendix G - Ecological Risk Assessment*  
*UCC Woodbine, Camden County, Georgia*

**Jacobs**

ES072007006GNV DOW-Woodbine\_Fig1-SiteMap



**Attachment 3 - Figure 2**  
 Topographic and Bathymetric Site Plan  
 Appendix G - Ecological Risk Assessment  
 UCC Woodbine, Camden County, Georgia



## Appendix G. 2023 Ecological Risk Assessment and Human Health Risk Assessment

|                     |                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Subject</b>      | Human Health Risk Assessment - Screening Levels for Surface Water Discharge under Recreational and Fish/Crab Ingestion Scenarios |
| <b>Project Name</b> | Post-Closure Care and Corrective Action Permit HW-063(D) Application Renewal                                                     |
| <b>Attention</b>    | Union Carbide Corporation Woodbine, Camden County, Georgia                                                                       |
| <b>From</b>         | Jacobs Engineering Group Inc.                                                                                                    |
| <b>Date</b>         | December 15, 2023                                                                                                                |

This technical memorandum presents risk-based screening levels (SLs) for surface water discharge based on recreational use and fish/crab ingestion scenarios. These SLs are provided to update risk-based standards (CH2M 2011) for surface water discharge from the Union Carbide Corporation (UCC) Woodbine Facility to Todd Creek. The SLs for both recreational use and fish/crab ingestion scenarios were developed for adult and youth receptors.

### 1. Recreational Use Screening Levels for Surface Water

The most realistic recreational activity in the Todd Creek segment adjacent to the landfill site is wading. Swimming is an unrealistic recreational activity for Todd Creek adjacent to the landfill for the following reasons:

- It is located in a rural area primarily composed of agricultural and conservation/preservation land remote from residences and population centers.
- The shoreline conditions consist of steep eroding bluffs or riprap.
- Biological hazards (e.g., alligators, Eastern Cottonmouth snakes, biting insects) are present.
- It lacks public beaches, and the adjoining land use is conservation or industrial with limited access and no areas developed for swimming.

Recreational exposure to surface water during wading includes incidental ingestion and dermal contact pathways. The SLs were developed for adult and youth (6- to 16-year-old) receptors using the U.S. Environmental Protection Agency's (EPA's) Regional Screening Level (RSL) calculator (EPA 2023) based on a target excess lifetime cancer risk of  $1 \times 10^{-6}$  and target hazard quotient (HQ) of 1<sup>1</sup>. The exposure parameter values were based on standard U.S. Environmental Protection Agency (EPA) values (EPA 2004, 2011, 2014a, 2019) and site-specific assumptions based on observations made during the site reconnaissance on September 19, 2023, which included the following:

- Entrance to the property is restricted by a perimeter fence and a locked gate.
- The site is heavily wooded with various wildlife present.
- The Todd Creek segment of interest (near the landfill) is more than 2 miles from the site entrance.

<sup>1</sup> Few chemicals are expected to be present at the groundwater-surface water interface; many oral toxicity values for chemicals on the groundwater analyte list have uncertainty factors  $\geq 1,000$ ; few chemicals on the groundwater analyte list act on same target organ/system.

- The closest access for a trespasser is from the Ceylon Wildlife Management Area and requires driving several miles of unimproved roads to reach Todd Creek near the segment of interest.

The reasonably foreseeable future site use<sup>2</sup> is consistent with the exposure assumptions used. The SLs are summarized in Table 1. The calculations for skin surface area exposed during wading are presented in Table 2. Additional exposure parameter values used in the SL calculations are presented in Attachment A (surface water SLs for adult wading) and Attachment B (surface water SLs for youth wading).

The main exposure parameters used to calculate surface water SLs for the recreational wading scenario are summarized below:

- **Surface water exposure frequency:** 12 events per year (professional judgment; site access is prohibited and secure, and shoreline is remote from populated areas; Todd Creek is not attractive for wading due to shoreline conditions [rip rap, steep banks, mud flats, snakes, alligators, ticks, flies]).
- **Surface water exposure duration:** 20 years (adult) and 10 years (youth) (EPA default for adult resident; assumed 10 years during youth ages; conservative for a wading scenario).
- **Surface water exposure time:** 1 hour per event (professional judgment; Todd Creek shoreline is unattractive due to biological hazards [see above] and site access is prohibited and secure).
- **Surface water incidental ingestion rate:** 0.011 liter per hour (Table 3-96 of *Exposure Factors Handbook, Chapter 3 Update*; wading/splashing upper confidence limit [EPA 2019]).
- **Skin surface area:** 6,456 square centimeters (cm<sup>2</sup>) (adult) and 4,175 cm<sup>2</sup> (youth) (Table 2) (EPA 2004, 2011).

## 2. Fish/Crab Consumption Screening Levels for Surface Water

Surface water SLs based on fish and crab consumption were developed for adult and youth receptors. The surface water SLs were developed by calculating chemical-specific fish/crab consumption SLs using EPA's RSL calculator (EPA 2023) (based on a target excess lifetime cancer risk of  $1 \times 10^{-6}$  and target HQ of 1<sup>3</sup>) and combining the fish/crab consumption SLs with chemical-specific surface water-to-fish/crab bioconcentration factors (BCFs). The exposure parameter values were based on standard EPA values (EPA 2014a) and site-specific assumptions based on observations<sup>4</sup> made during the site reconnaissance on September 19, 2023. The reasonably foreseeable future site use is consistent with the exposure assumptions used. The surface water SLs are summarized in Table 1. The BCFs used in the surface water SL calculations are presented in Table 3. Additional exposure parameter values used in the SL calculations are presented in Attachment C (fish/crab consumption SLs for adults) and Attachment D (fish/crab consumption SLs for youth).

The main exposure parameters used to calculate surface water SLs for the fish/crab consumption scenario are summarized below:

- **Fish/Crab consumption exposure frequency:** 60 days per year (professional judgment; there is limited access to surface water in the Todd Creek segment of interest and both fish and crab are present; fishing/crabbing is assumed to occur from small boats.).

---

<sup>2</sup> UCC plans on placing an Environmental Covenant and conservation easement on the property, the property may be sold to GA DNR for use as a wildlife management area, and accessibility will remain limited (no public access).

<sup>3</sup> Few chemicals are expected to be present at the groundwater-surface water interface; many oral toxicity values for chemicals on the groundwater analyte list have uncertainty factors  $\geq 1,000$ ; few chemicals on the groundwater analyte list act on same target organ/system.

<sup>4</sup> Floats indicating crab traps were observed in the Todd Creek segment of interest.

- **Fish/crab consumption exposure duration:** 20 years (adult) and 10 years (youth) (EPA default for adult resident; assumed 10 years during youth ages).
- **Fish/crab ingestion rate:** 36.3 grams per day (adult) and 17.8 grams per day (youth) (marine finfish & shellfish [90th percentile, 95% confidence interval] for coastal regions [Table 10b and Table 21b of EPA 2014b]; conservative for EPA Region 4<sup>5</sup>).
- **BCFs:** Chemical-specific values obtained from *National Recommended Water Quality Criteria* (EPA 2002) and *Risk Assessment Information System* (RAIS 2023). For polycyclic aromatic hydrocarbons (PAHs), a BCF of 1 was used because PAHs are readily metabolized by fish and are not expected to bioaccumulate in tissue or biomagnify in the food chain (ATSDR 1995).
- **Percentage of fish/crab home range represented by the Todd Creek segment:** 50%. The Todd Creek segment of interest is an intertidal creek with brackish water. A conservative estimate using professional judgment by biologists; recreationally caught fish move around a lot, and their presence/abundance varies seasonally. Blue crabs move up and downstream seasonally and in response to changes in salinity. In addition, crabbers move traps seasonally based on the presence of crabs.

## 2.1 Selection of Screening Levels

On a chemical-specific basis, the lowest of the adult and youth SLs (considering recreational use and fish/crab ingestion scenarios) was identified. Where a Georgia Instream Water Quality Standard was available, it was used as the final surface water screening level rather than a calculated risk-based screening level based on wading or fish/crab consumption. A conservative dilution factor of 1,000 was calculated to account for mixing of groundwater from the landfill area with surface water in Todd Creek (Attachment 3); however, no adjustment was made to the groundwater SLs to account for dilution. In addition, attenuation of constituents of concern in the aquifer between the monitoring wells and the point of discharge to surface water was not accounted for in the development of the SLs. Therefore, these SLs are highly conservative for application to groundwater concentrations at the point of compliance wells. The final surface water SLs are presented in the last column of Table 1.

<sup>5</sup> EPA Region 4 Supplemental Guidance (EPA 2018) mentions use of the fish ingestion rate provided in EPA's *Exposure Factors Handbook* (2011) and *Human Health Ambient Water Quality Criteria: 2015 Update* (EPA 2015). The *Exposure Factors Handbook* (Table 10-3) presents 18 g/day (ages >18 years) and 13 g/day (ages 11 to <16) (95th percentile rates) for recreational marine fish in the Atlantic region. The *Human Health Ambient Water Quality Criteria* presents 22 g/day (90th percentile rate of fish and shellfish from inland and nearshore waters for U.S. adult population 21 years of age and older, based on NHANES data from 2003 to 2010).

### 3. References

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- U.S. Environmental Protection Agency (EPA). 2023. Regional Screening Levels (RSLs) Calculator. [https://epa-prgs.ornl.gov/cgi-bin/chemicals/csl\\_search](https://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search). Accessed October 2023.

## Tables

**Table 1. Site-Specific Screening Levels for Surface Water**

Appendix G - Human Health Risk Assessment

UCC Woodbine, Camden County, Georgia

| Hazardous Constituent     | CAS#       | Surface Water Screening Levels (µg/L) [g] |            |                                  |                   |                               |
|---------------------------|------------|-------------------------------------------|------------|----------------------------------|-------------------|-------------------------------|
|                           |            | Based on Recreational Use                 |            | Based on Fish and Crab Ingestion |                   | Final Screening Level [j] [k] |
|                           |            | Adult [a]                                 | Youth [b]  | Adult [c] [f] [i]                | Youth [d] [f] [i] |                               |
| 2,4,5-T                   | 93-76-5    | 94,300                                    | 78,300     | 84,756                           | 94,877            | 78,300                        |
| 2,4-D                     | 94-75-7    | 142,000                                   | 117,000    | 84,756                           | 94,877            | 70 (GA ISWQS)                 |
| 2-Chlorophenol            | 95-57-8    | 104,000                                   | 84,200     | 1,000                            | 1,122             | 150 (GA ISWQS)                |
| 2-Methylnaphthalene       | 91-57-6    | 7,270                                     | 6,160      | 107,200                          | 120,200           | 6,160                         |
| 3-Methylphenol (m-Cresol) | 108-39-4   | 1,200,000                                 | 964,000    | 146,865                          | 164,840           | 146,865                       |
| 4-Methylphenol (p-Cresol) | 106-44-5   | 493,000                                   | 396,000    | 60,558                           | 68,015            | 60,558                        |
| Acetone                   | 67-64-1    | 139,000,000                               | 85,500,000 | 7,653,384                        | 8,538,899         | 7,653,384                     |
| Acetonitrile [h]          | 75-05-8    | --                                        | --         | --                               | --                | NTX                           |
| Aldicarb                  | 116-06-3   | 94,000                                    | 64,900     | 10,363                           | 11,601            | 10,363                        |
| Antimony                  | 7440-36-0  | 18,000                                    | 13,800     | 10,720                           | 12,020            | 10,720                        |
| Arsenic                   | 7440-38-2  | 325                                       | 412        | 2                                | 5                 | 36 (GA ISWQS)                 |
| Barium                    | 7440-39-3  | 4,710,000                                 | 3,790,000  | 1,340,000                        | 1,505,000         | 1,340,000                     |
| Carbon Disulfide          | 75-15-0    | 1,950,000                                 | 1,580,000  | 137,447                          | 153,858           | 137,447                       |
| Chromium hexavalent       | 18540-29-9 | 16                                        | 18         | 12                               | 26                | 50 (GA ISWQS)                 |
| Chromium trivalent        | 16065-83-1 | 7,190,000                                 | 6,040,000  | 2,512,500                        | 2,825,000         | 42 (GA ISWQS)                 |
| Cyanide                   | 57-12-5    | 83,600                                    | 52,900     | 16,080                           | 18,040            | 1 (GA ISWQS)                  |
| Ethylbenzene              | 100-41-4   | 1,310                                     | 2,210      | 228                              | 510               | 2100 (GA ISWQS)               |
| Fluoride                  | 16984-48-8 | 5,580,000                                 | 3,530,000  | 1,072,000                        | 1,202,000         | 1,072,000                     |
| Formaldehyde              | 50-00-0    | 15,400                                    | 21,300     | 1,410                            | 3,169             | 1,410                         |
| Methyl Ethyl Ketone       | 78-93-3    | 71,200,000                                | 46,800,000 | 5,085,389                        | 5,705,250         | 5,085,389                     |
| Methacrylonitrile         | 126-98-7   | 8,400                                     | 5,920      | 848                              | 949               | 848                           |
| Methylene Chloride        | 75-09-2    | 44,200                                    | 44,600     | 52,222                           | 116,889           | 590 (GA ISWQS)                |
| Naphthalene               | 91-20-3    | 113                                       | 191        | 782                              | 1,754             | 113                           |
| Nickel [e]                | 7440-02-0  | 1,120,000                                 | 840,000    | 11,404                           | 12,809            | 8.2 (GA ISWQS)                |
| Phenol                    | 108-95-2   | 12,400,000                                | 9,590,000  | 5,742,857                        | 6,442,857         | 300 (GA ISWQS)                |
| Pyridine                  | 110-86-1   | 91,800                                    | 63,600     | 8,476                            | 9,488             | 8,476                         |
| Selenium                  | 7782-49-2  | 697,000                                   | 441,000    | 27,917                           | 31,333            | 71 (GA ISWQS)                 |
| Silvex (2,4,5-TP)         | 93-72-1    | 39,900                                    | 33,500     | 67,679                           | 75,901            | 50 (GA ISWQS)                 |
| Sulfide [h]               | NA         | --                                        | --         | --                               | --                | NTX                           |
| Toluene                   | 108-88-3   | 564,000                                   | 471,000    | 200,000                          | 224,299           | 5980 (GA ISWQS)               |
| Vanadium                  | 7440-62-2  | 47,300                                    | 39,300     | 135,200                          | 151,600           | 39,300                        |
| Xylenes                   | 1330-20-7  | 813,000                                   | 684,000    | 379,459                          | 426,183           | 379,459                       |
| Zinc                      | 7440-66-6  | 49,100,000                                | 29,700,000 | 8,040                            | 9,020             | 81 (GA ISWQS)                 |
| 4-Chloroaniline           | 106-47-8   | 558                                       | 880        | 10                               | 22                | 10                            |
| Dibenzofuran              | 132-64-9   | 1,450                                     | 1,230      | 18                               | 20                | 18                            |

**Table 1. Site-Specific Screening Levels for Surface Water**

Appendix G - Human Health Risk Assessment

UCC Woodbine, Camden County, Georgia

|                       |          | Surface Water Screening Levels (µg/L) [g] |           |                                  |                   |                               |
|-----------------------|----------|-------------------------------------------|-----------|----------------------------------|-------------------|-------------------------------|
| Hazardous Constituent | CAS#     | Based on Recreational Use                 |           | Based on Fish and Crab Ingestion |                   | Final Screening Level [j] [k] |
|                       |          | Adult [a]                                 | Youth [b] | Adult [c] [f] [i]                | Youth [d] [f] [i] |                               |
| 1,4-Dichlorobenzene   | 106-46-7 | 2,290                                     | 3,870     | 313                              | 701               | 190 (GA ISWQS)                |
| Fluorene              | 86-73-7  | 52,100                                    | 44,100    | 1,072,000                        | 1,202,000         | 5300 (GA ISWQS)               |
| Phenanthrene [e]      | 85-01-8  | 280,000                                   | 238,000   | 8,040,000                        | 9,020,000         | 238,000                       |

Notes:

- a. RSL calculator input and outputs for adult recreator are presented in Attachment A.
- b. RSL calculator input and outputs for youth recreator are presented in Attachment B.
- c. RSL calculator input and outputs for adult fish ingestion SLs are presented in Attachment C.
- d. RSL calculator input and outputs for youth fish ingestion SLs are presented in Attachment D.
- e. Surrogates: anthracene for phenanthrene, nickel soluble salts for nickel.
- f. Surface water SLs based on fish ingestion were calculated using RSL calculator outputs (Attachments C and D) and BCF (Table 3) per following equation:  

$$\text{Surface Water SL } (\mu\text{g/L-sw}) = \text{Fish SL (mg/kg-fish)} \times 1000 (\mu\text{g/mg}) / \text{BCF (L-sw/kg-fish)} / 50\%.$$
- g. Risk-based screening levels are based on target risk of  $1 \times 10^{-6}$  and target hazard quotient of 1.
- h. There is no recreational SL for acetonitrile or sulfide due to lack of ingestion and dermal toxicity values.
- i. The SLs based on fish and crab ingestion are based on the Todd Creek segment being 50% of the fish/crab home range.
- j. The GA ISWQS was selected as the SL for those constituents with a GA ISWQS.
- k. The lowest costal/estuarine GA ISWQS was used for the SL where multiple GA ISWQS were available.

BCF = bioconcentration factor

GA ISWQS = Georgia instream water quality standard

mg/kg = milligram per kilogram

NTX = a toxicity value is not available

RSL = regional screening level

SL = screening level

sw = surface water

µg/L = microgram per liter

µg/mg = microgram per milligram

**Table 2. Calculation of Total Skin Surface Area**

Appendix G - Human Health Risk Assessment

UCC Woodbine, Camden County, Georgia

| Age Group                       |        | Statistic | Head                | Arms                    | Hands | Legs                         | Feet  | Total Surface Area |                 |
|---------------------------------|--------|-----------|---------------------|-------------------------|-------|------------------------------|-------|--------------------|-----------------|
|                                 |        |           |                     |                         |       |                              |       | m <sup>2</sup>     | cm <sup>2</sup> |
| Adult                           | male   | mean      | 0.136               | 0.314                   | 0.107 | 0.682                        | 0.13  |                    |                 |
| Adult                           | female | mean      | 0.114               | 0.237                   | 0.089 | 0.598                        | 0.122 |                    |                 |
| Adjusted body part calculations |        |           | Face <sup>1,2</sup> | Forearms <sup>1,2</sup> | Hands | Lower<br>Legs <sup>1,2</sup> | Feet  |                    |                 |
|                                 |        |           | 0.042               | 0.124                   | 0.098 | 0.256                        | 0.126 | 0.65               | 6456.42         |

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| Age Group                       |           | Statistic | Head                | Arms                    | Hands | Legs                         | Feet  | Total Surface Area |                 |
|---------------------------------|-----------|-----------|---------------------|-------------------------|-------|------------------------------|-------|--------------------|-----------------|
|                                 |           |           |                     |                         |       |                              |       | m <sup>2</sup>     | cm <sup>2</sup> |
| Youth                           | 6 to <11  | mean      | 0.066               | 0.151                   | 0.051 | 0.311                        | 0.073 |                    |                 |
| Youth                           | 11 to <16 | mean      | 0.073               | 0.227                   | 0.072 | 0.483                        | 0.105 |                    |                 |
| Adjusted body part calculations |           |           | Face <sup>1,2</sup> | Forearms <sup>1,2</sup> | Hands | Lower<br>Legs <sup>1,2</sup> | Feet  |                    |                 |
|                                 |           |           | 0.023               | 0.085                   | 0.062 | 0.159                        | 0.089 | 0.42               | 4175.17         |

Notes:

<sup>1</sup> Skin surface area - Table 7-2 of Exposure Factors Handbook (EPA, 2011)<sup>2</sup> Adjustments for face to head, forearm to arm, and lower leg to leg - Exhibit C-1 of RAGS Part E (EPA, 2004).

Face SA was assumed to be 1/3 of head SA.

Forearm-to-arm ratio was assumed to be 0.45.

Lower legs-to-leg ratio was assumed to be 0.4.

SA - surface area

Table 3. Bioconcentration Factors for Surface Water to Fish  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Hazardous Constituent     | CAS#       | BCF   | Source     |
|---------------------------|------------|-------|------------|
| 2,4,5-T                   | 93-76-5    | 3     | RAIS, 2023 |
| 2,4-D                     | 94-75-7    | 3     | RAIS, 2023 |
| 2-Chlorophenol            | 95-57-8    | 134   | EPA, 2002  |
| 2-Methylnaphthalene       | 91-57-6    | 1     | [a]        |
| 3-Methylphenol (m-Cresol) | 108-39-4   | 9     | RAIS, 2023 |
| 4-Methylphenol (p-Cresol) | 106-44-5   | 9     | RAIS, 2023 |
| Acetone                   | 67-64-1    | 3     | RAIS, 2023 |
| Acetonitrile              | 75-05-8    | 3     | RAIS, 2023 |
| Aldicarb                  | 116-06-3   | 3     | RAIS, 2023 |
| Antimony                  | 7440-36-0  | 1     | EPA, 2002  |
| Arsenic                   | 7440-38-2  | 26    | ODEQ, 2011 |
| Barium                    | 7440-39-3  | 4     | RAIS, 2023 |
| Carbon Disulfide          | 75-15-0    | 19    | RAIS, 2023 |
| Chromium hexavalent       | 18540-29-9 | 16    | EPA, 2002  |
| Chromium trivalent        | 16065-83-1 | 16    | EPA, 2002  |
| Cyanide                   | 57-12-5    | 1     | EPA, 2002  |
| Ethylbenzene              | 100-41-4   | 38    | EPA, 2002  |
| Fluoride                  | 16984-48-8 | 1     | [b]        |
| Formaldehyde              | 50-00-0    | 3     | RAIS, 2023 |
| Methyl Ethyl Ketone       | 78-93-3    | 3     | RAIS, 2023 |
| Methacrylonitrile         | 126-98-7   | 3     | RAIS, 2023 |
| Methylene Chloride        | 75-09-2    | 0.90  | EPA, 2002  |
| Naphthalene               | 91-20-3    | 1     | [a]        |
| Nickel                    | 7440-02-0  | 47.00 | EPA, 2002  |
| Phenol                    | 108-95-2   | 1.40  | EPA, 2002  |
| Pyridine                  | 110-86-1   | 3     | RAIS, 2023 |
| Selenium                  | 7782-49-2  | 4.8   | EPA, 2002  |
| Silvex (2,4,5-Tp)         | 93-72-1    | 3.2   | RAIS, 2023 |
| Sulfide                   | NA         | 1     | [b]        |
| Toluene                   | 108-88-3   | 10.70 | EPA, 2002  |
| Vanadium                  | 7440-62-2  | 1     | [b]        |
| Xylenes                   | 1330-20-7  | 14    | RAIS, 2023 |
| Zinc                      | 7440-66-6  | 1000  | RAIS, 2023 |
| 4-Chloroaniline           | 106-47-8   | 47    | EPA, 2002  |
| Dibenzofuran              | 132-64-9   | 1519  | RAIS, 2023 |
| 1,4-Dichlorobenzene       | 106-46-7   | 56    | EPA, 2002  |
| Fluorene                  | 86-73-7    | 1     | [a]        |
| Phenanthrene              | 85-01-8    | 1     | [a]        |

Table 3. Bioconcentration Factors for Surface Water to Fish  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Notes:

[a] PAHs are readily metabolized by fish and are not expected to bioaccumulate in tissue or biomagnify in the food chain (ATSDR, 1995).

Therefore, a BCF of 1 was used for PAHs.

[b] If a BCF was not available, a default value of 1 was used.

ATSDR, 1995. Toxicological Profile for Polycyclic Aromatic Hydrocarbons. U.S. Department of Health and Human Services Public Health Service.

EPA, 2002. National Recommended Water Quality Criteria. Human Health Criteria Calculation Matrix. November.

<https://www.epa.gov/wqc/human-health-water-quality-criteria-and-methods-toxics#2002>

ODEQ, 2011. Oregon Department of Environmental Quality. Water Quality Standards Review and Recommendations: Arsenic, Attachment E. April

RAIS, 2023. Oak Ridge National Laboratory, Risk Assessment Information System. Chemical Parameters Database accessed February 15, 2023.

<https://rais.ornl.gov/index.html>

BCF - (Fish) bioconcentration factor

ATSDR = Agency for Toxics Substances and Disease Registry

EPA = United States Environmental Protection Agency

RAIS = Risk Assessment Information System

## **Attachments**

Attachment A1. Surface Water Input Parameter Values for Adult Wading  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Variable                                                                                 | Recreator<br>Surface Water<br>Default Value | Site-Specific<br>Value |
|------------------------------------------------------------------------------------------|---------------------------------------------|------------------------|
| BW <sub>0-2</sub> (body weight) kg                                                       | 15                                          | 0                      |
| BW <sub>2-6</sub> (body weight) kg                                                       | 15                                          | 0                      |
| BW <sub>6-16</sub> (body weight) kg                                                      | 80                                          | 80                     |
| BW <sub>16-30</sub> (body weight) kg                                                     | 80                                          | 80                     |
| BW <sub>a</sub> (body weight - adult) kg                                                 | 80                                          | 80                     |
| BW <sub>rec-a</sub> (body weight - adult) kg                                             | 80                                          | 80                     |
| DFW <sub>rec-adj</sub> (age-adjusted dermal factor) cm <sup>2</sup> -event/kg            | 0                                           | 19368                  |
| DFWM <sub>rec-adj</sub> (mutagenic age-adjusted dermal factor) cm <sup>2</sup> -event/kg | 0                                           | 38736                  |
| ED <sub>rec</sub> (exposure duration - recreator) years                                  | 26                                          | 20                     |
| ED <sub>0-2</sub> (exposure duration) years                                              | 2                                           | 0                      |
| ED <sub>2-6</sub> (exposure duration) years                                              | 4                                           | 0                      |
| ED <sub>6-16</sub> (exposure duration) years                                             | 10                                          | 10                     |
| ED <sub>16-30</sub> (exposure duration) years                                            | 10                                          | 10                     |
| ED <sub>rec-a</sub> (exposure duration - adult) years                                    | 20                                          | 20                     |
| EF <sub>rec-w</sub> (exposure frequency) days/year                                       | 0                                           | 12                     |
| EF <sub>2-6</sub> (exposure frequency) days/year                                         | 0                                           | 0                      |
| EF <sub>6-16</sub> (exposure frequency) days/year                                        | 0                                           | 12                     |
| EF <sub>16-30</sub> (exposure frequency) days/year                                       | 0                                           | 12                     |
| EF <sub>rec-a</sub> (adult exposure frequency) days/year                                 | 0                                           | 12                     |
| ET <sub>0-2</sub> (exposure time) hours/event                                            | 0                                           | 0                      |
| ET <sub>2-6</sub> (exposure time) hours/event                                            | 0                                           | 0                      |
| ET <sub>6-16</sub> (exposure time) hours/event                                           | 0                                           | 1                      |
| ET <sub>16-30</sub> (exposure time) hours/event                                          | 0                                           | 1                      |
| ET <sub>rec-a</sub> (adult exposure time) hours/event                                    | 0                                           | 1                      |
| EV <sub>0-2</sub> (events) events/day                                                    | 0                                           | 0                      |
| EV <sub>2-6</sub> (events) events/day                                                    | 0                                           | 0                      |
| EV <sub>6-16</sub> (events) events/day                                                   | 0                                           | 1                      |
| EV <sub>16-30</sub> (events) events/day                                                  | 0                                           | 1                      |
| EV <sub>rec-a</sub> (adult) events/day                                                   | 0                                           | 1                      |
| THQ (target hazard quotient) unitless                                                    | 0.1                                         | 1                      |
| IFW <sub>rec-adj</sub> (age-adjusted water intake rate) L/kg                             | 0                                           | 0.033                  |
| IFWM <sub>rec-adj</sub> (mutagenic age-adjusted water intake rate) L/kg                  | 0                                           | 0.066                  |
| IRW <sub>0-2</sub> (water intake rate) L/hour                                            | 0.12                                        | 0                      |
| IRW <sub>2-6</sub> (water intake rate) L/hour                                            | 0.12                                        | 0                      |
| IRW <sub>6-16</sub> (water intake rate) L/hour                                           | 0.124                                       | 0.011                  |
| IRW <sub>16-30</sub> (water intake rate) L/hour                                          | 0.0985                                      | 0.011                  |
| IRW <sub>rec</sub> (water intake rate - adult) L/day                                     | 0.11                                        | 0.011                  |
| IRW <sub>rec-a</sub> (water intake rate - adult) L/hr                                    | 0.11                                        | 0.011                  |
| LT (lifetime - recreator) years                                                          | 70                                          | 70                     |
| SA <sub>0-2</sub> (skin surface area) cm <sup>2</sup>                                    | 6365                                        | 0                      |
| SA <sub>2-6</sub> (skin surface area) cm <sup>2</sup>                                    | 6365                                        | 0                      |
| SA <sub>6-16</sub> (skin surface area) cm <sup>2</sup>                                   | 19652                                       | 6456                   |
| SA <sub>16-30</sub> (skin surface area) cm <sup>2</sup>                                  | 19652                                       | 6456                   |
| SA <sub>rec</sub> (skin surface area - adult) cm <sup>2</sup>                            | 19652                                       | 6456                   |
| SA <sub>rec-a</sub> (skin surface area - adult) cm <sup>2</sup>                          | 19652                                       | 6456                   |
| Apparent thickness of stratum corneum (cm)                                               | 0.001                                       | 0.001                  |
| TR (target risk) unitless                                                                | 0.000001                                    | 0.000001               |

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Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Acenaphthene            | 83-32-9    | No       | Yes       | Organics      | Organics      | -                                         |                      | 6.00E-02        | I       | -                        |         | 1.00E+00               | 8.60E-02               | 1.54E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.26E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+07                          | 1.09E+05                       | 1.08E+05                                | 1.08E+05               |
| Acenaphthylene          | 208-96-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 9.11E-02               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Acephate                | 30560-19-1 | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | O       | -                        |         | 1.00E+00               | 4.00E-05               | 1.83E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 9.68E+05                       | 6.21E+04                                | 6.21E+04               |
| Acetaldehyde            | 75-07-0    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 9.00E-03                 | I       | 1.00E+00               | 5.27E-04               | 4.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Acetochlor              | 34256-82-1 | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-02        | I       | -                        |         | 1.00E+00               | 4.95E-03               | 2.70E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.54E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+06                          | 3.32E+05                       | 3.08E+05                                | 3.08E+05               |
| Acetone                 | 67-64-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | 9.00E-01        | I       | -                        |         | 1.00E+00               | 5.12E-04               | 5.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.39E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+08                          | 4.59E+08                       | 1.39E+08                                | 1.39E+08               |
| Acetone Cyanohydrin     | 75-86-5    | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | 2.00E-03                 | X       | 1.00E+00               | 4.95E-04               | 8.51E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Acetonitrile            | 75-05-8    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 6.00E-02                 | I       | 1.00E+00               | 5.48E-04               | 4.11E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Acetophenone            | 98-86-2    | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.72E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 5.21E+06                       | 4.22E+06                                | 4.22E+06               |
| Acetylamino             | 53-96-3    | No       | No        | Organics      | Organics      | 3.80E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.04E-02               | 2.23E+02 | 1.00E+00      | Yes     | 3.47E-04                 | -                              | 2.04E+02                       | 8.83E+00                     | 8.46E+00                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Acetylaminofluorene, 2- | 50594-66-6 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.21E-03               | 3.62E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 8.46E+00               |
| Acifluorfen             | 260-94-6   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.81E-02               | 1.79E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Acridine                | 107-02-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-04        | I       | 2.00E-05                 | I       | 1.00E+00               | 7.48E-04               | 5.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+05                          | 1.76E+05                       | 6.79E+04                                | 6.79E+04               |
| Acrolein                | 107-02-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-04        | I       | 2.00E-05                 | I       | 1.00E+00               | 7.48E-04               | 5.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+05                          | 1.76E+05                       | 6.79E+04                                | 6.79E+04               |
| Acrylamide              | 79-06-1    | Yes      | No        | Organics      | Organics      | 5.00E-01                                  | I                    | 2.00E-03        | I       | 6.00E-03                 | I       | 1.00E+00               | 2.24E-04               | 7.11E+01 | 1.00E+00      | Yes     | 1.32E-03                 | -                              | 7.54E-01                       | 7.74E+02                     | 3.86E+03                  | 6.45E+02                        | -                                 | -                              | -                                       | 4.42E+05                          | 2.21E+06                       | 3.69E+05                                | 6.45E+02               |
| Acrylic Acid            | 79-10-7    | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-01        | I       | 2.00E-04                 | P       | 1.00E+00               | 1.05E-03               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+08                          | 1.17E+08                       | 5.69E+07                                | 5.69E+07               |
| Acrylonitrile           | 107-13-1   | No       | Yes       | Organics      | Organics      | 5.40E-01                                  | I                    | 1.00E-02        | A       | 2.00E-03                 | I       | 1.00E+00               | 1.16E-03               | 5.31E+01 | 1.00E+00      | Yes     | 2.44E-03                 | -                              | 3.77E+00                       | 1.43E+03                     | 1.49E+03                  | 7.30E+02                        | -                                 | -                              | 2.21E+06                                | 2.30E+06                          | 1.13E+06                       | 7.30E+02                                |                        |
| Adiponitrile            | 111-69-3   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | 6.00E-03                 | P       | 1.00E+00               | 2.37E-04               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Alachlor                | 15972-60-8 | No       | No        | Organics      | Organics      | 5.60E-02                                  | C                    | 1.00E-02        | I       | -                        |         | 1.00E+00               | 1.05E-02               | 2.70E+02 | 9.00E-01      | Yes     | 2.36E-02                 | -                              | 3.77E+00                       | 1.38E+04                     | 4.89E+02                  | 4.72E+02                        | -                                 | -                              | 2.21E+06                                | 7.82E+04                          | 7.55E+04                       | 4.72E+02                                |                        |
| Aldicarb                | 116-06-3   | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-03        | I       | -                        |         | 1.00E+00               | 7.55E-04               | 1.90E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 1.63E+05                       | 9.40E+04                                | 9.40E+04               |
| Aldicarb Sulfone        | 1646-88-4  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-03        | I       | -                        |         | 1.00E+00               | 3.71E-05               | 2.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 2.70E+06                       | 2.04E+05                                | 2.04E+05               |
| Aldicarb sulfoxide      | 1646-87-3  | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.29E-05               | 2.06E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Aldrin                  | 309-00-2   | No       | Yes       | Organics      | Organics      | 1.70E+01                                  | I                    | 3.00E-05        | I       | -                        |         | 1.00E+00               | 2.93E-01               | 3.65E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 4.55E+01                     | -                         | 4.55E+01                        | -                                 | -                              | -                                       | 6.64E+03                          | -                              | 6.64E+03                                | 4.55E+01               |
| Alizarin Red Compounds  | NA         | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Allyl Alcohol           | 107-18-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | 4.00E-03        | P       | 1.00E-04                 | X       | 1.00E+00               | 9.59E-04               | 5.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+05                          | 1.09E+06                       | 4.88E+05                                | 4.88E+05               |
| Allyl Chloride          | 107-05-1   | No       | Yes       | Organics      | Organics      | 2.10E-02                                  | C                    | -               |         | 1.00E-03                 | I       | 1.00E+00               | 1.12E-02               | 7.65E+01 | 1.00E+00      | Yes     | 6.28E-02                 | -                              | -                              | 3.69E+04                     | 3.62E+03                  | 3.30E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.30E+03               |
| Aluminum                | 7429-90-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E+00        | P       | 5.00E-03                 | P       | 1.00E+00               | 1.00E-03               | 2.70E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Aluminum Phosphide      | 20859-73-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 4.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 5.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.51E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+04                          | 1.51E+05                       | 5.58E+04                                | 5.58E+04               |
| Aluminum metaphosphate  | 13776-88-0 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               |                                   |                                |                                         |                                   |                                |                                         |                        |

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|----------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Barium                                 | 7440-39-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 2.00E-01        | I       | 5.00E-04                 | H       | 7.00E-02               | 1.00E-03               | 1.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 5.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 5.28E+06                       | 4.71E+06                                | 4.71E+06               |
| Barium Cyanide                         | 542-62-1   | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 7.00E-02               | 1.00E-03               | 1.89E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benfluralin                            | 1861-40-1  | No       | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-03        | O       | -                        |         | 1.00E+00               | 6.75E-02               | 3.35E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 4.48E+03                       | 4.46E+03                                | 4.46E+03               |
| Benomyl                                | 17804-35-2 | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 9.43E-04               | 2.90E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 3.43E+06                       | 2.62E+06                                | 2.62E+06               |
| Bensulfuron-methyl                     | 83055-99-6 | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-01        | I       | -                        |         | 1.00E+00               | 2.19E-04               | 4.10E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 2.72E+07                       | 1.69E+07                                | 1.69E+07               |
| Bentazon                               | 25057-89-0 | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.52E-03               | 2.40E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 1.06E+06                       | 9.17E+05                                | 9.17E+05               |
| Benzo[a]anthracene                     | 56-55-3    | Yes      | Yes       | Organics      | Organics      | 1.00E-01                                  | E                   | -               |         | -                        |         | 1.00E+00               | 5.52E-01               | 2.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 3.87E+03                     | -                         | 3.87E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.87E+03               |
| Benzaldehyde                           | 100-52-7   | No       | Yes       | Organics      | Organics      | 4.00E-03                                  | P                   | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.83E-03               | 1.06E+02 | 1.00E+00      | Yes     | 3.30E-01                 | -                              | 3.77E+01                       | 1.94E+05                     | 4.72E+04                  | 3.80E+04                        | -                                 | -                              | 2.21E+07                                | 5.40E+06                          | 4.34E+06                       | 3.80E+04                                |                        |
| Benzene                                | 71-43-2    | No       | Yes       | Organics      | Organics      | 5.50E-02                                  | I                   | 4.00E-03        | I       | 3.00E-02                 | I       | 1.00E+00               | 1.49E-02               | 7.81E+01 | 1.00E+00      | Yes     | 2.40E-02                 | -                              | 1.51E+00                       | 1.41E+04                     | 1.03E+03                  | 9.63E+02                        | -                                 | -                              | 8.85E+05                                | 6.50E+04                          | 6.05E+04                       | 9.63E+02                                |                        |
| Benzene, Ethyldimethyl                 | 29224-55-3 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.12E-01               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzene, Ethylmethyl                   | 25550-14-5 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 8.57E-02               | 3.61E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzene, Methylpropenyl                | 768-00-3   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.03E-01               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzene, Methylpropyl                  | 28729-54-6 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzene, Trimethyl                     | 25551-13-7 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 6.21E-02               | 3.61E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzenediamine-2-methyl sulfate, 1,4-  | 6369-59-1  | No       | No        | Organics      | Organics      | 1.00E-01                                  | X                   | 3.00E-04        | X       | -                        |         | 1.00E+00               | 3.04E-07               | 2.20E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 7.74E+03                     | -                         | 7.74E+03                        | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 7.74E+03               |
| Benzenethiol                           | 108-98-5   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-03        | P       | -                        |         | 1.00E+00               | 1.78E-02               | 1.10E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 1.16E+04                       | 1.10E+04                                | 1.10E+04               |
| Benzidine                              | 92-87-5    | Yes      | No        | Organics      | Organics      | 2.30E+02                                  | I                   | 3.00E-03        | I       | -                        |         | 1.00E+00               | 1.13E-03               | 1.84E+02 | 1.00E+00      | Yes     | 2.87E-06                 | -                              | 1.13E+00                       | 1.68E+00                     | 8.63E-01                  | 5.71E-01                        | -                                 | -                              | 6.64E+05                                | 3.40E+05                          | 2.25E+05                       | 5.71E-01                                |                        |
| Benzo(e)pyrene                         | 192-97-2   | No       | No        | Organics      | Organics      | -                                         |                     | 9.00E-05        | X       | 2.00E-06                 | X       | 1.00E+00               | 1.15E+00               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+04                          | -                              | 1.99E+04                                | 1.99E+04               |
| Benzo(j)fluoranthene                   | 205-82-3   | No       | No        | Organics      | Organics      | 1.20E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 6.90E-01               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 6.45E+02                     | -                         | 6.45E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.45E+02               |
| Benzo[a]pyrene                         | 50-32-8    | Yes      | No        | Organics      | Organics      | 1.00E+00                                  | I                   | 3.00E-04        | I       | 2.00E-06                 | I       | 1.00E+00               | 7.13E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 3.87E+02                     | -                         | 3.87E+02                        | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 3.87E+02               |
| Benzo[b]fluoranthene                   | 205-99-2   | Yes      | No        | Organics      | Organics      | 1.00E-01                                  | E                   | -               |         | -                        |         | 1.00E+00               | 4.17E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 3.87E+03                     | -                         | 3.87E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.87E+03               |
| Benzo[g,h,i]perylene                   | 191-24-2   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.12E+00               | 2.76E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzo[k]fluoranthene                   | 207-08-9   | Yes      | No        | Organics      | Organics      | 1.00E-02                                  | E                   | -               |         | -                        |         | 1.00E+00               | 6.91E-01               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 3.87E+04                     | -                         | 3.87E+04                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.87E+04               |
| Benzoofluoranthenes, total             | 56832-73-6 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzoofluorene, 2,3-                   | 243-17-4   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 6.54E-01               | 2.16E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzoic Acid                           | 65-85-0    | No       | No        | Organics      | Organics      | -                                         |                     | 4.00E+00        | I       | -                        |         | 1.00E+00               | 5.65E-03               | 1.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+08                          | 1.35E+08                       | 1.17E+08                                | 1.17E+08               |
| Benzoic acid, 4-hydroxy-, methyl ester | 99-76-3    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.40E-03               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzothiazole                          | 95-16-9    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 5.92E-03               | 1.35E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Benzo(a)chloride                       | 98-07-7    | No       | Yes       | Organics      | Organics      | 1.30E+01                                  | I                   | -               |         | -                        |         | 1.00E+00               | 4.87E-02               | 1.95E+02 | 1.00E+00      | Yes     | 1.01E-04                 | -                              | -                              | 5.96E+01                     | 6.59E-01                  | 6.52E-01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.52E-01               |
| Benzyl Alcohol                         | 100-51-6   | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-01        | P       | -                        |         | 1.00E+00               | 2.09E-03               | 1.1      |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |



Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW: W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|-------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Chlorobenzene sulfonic acid, p-    | 98-66-8    | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-01        | X       | -                        |         | 1.00E+00    | 5.86E-05               | 1.93E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 2.07E+08                       | 2.00E+07                                | 2.00E+07               |
| Chlorobenzoilate                   | 510-15-6   | No       | No        | Organics      | Organics      | 1.10E-01                                  | C                    | 2.00E-02        | I       | -                        |         | 1.00E+00    | 3.31E-02               | 3.25E+02 | 8.00E-01      | Yes     | 1.20E-02                 | -                              | 7.54E+00                       | 7.04E+03                     | 6.21E+01                  | 6.15E+01                        | -                                 | -                              | 4.42E+06                                | 3.90E+04                          | 3.87E+04                       | 6.15E+01                                |                        |
| Chlorobenzoic Acid, 2-             | 118-91-2   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 4.77E-03               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorobenzoic Acid, p-             | 74-11-3    | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | X       | -                        |         | 1.00E+00    | 1.20E-02               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 3.83E+05                       | 3.62E+05                                | 3.62E+05               |
| Chlorobenzotrifluoride, 3-nitro-4- | 121-17-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E+00        | -       | -                        |         | 1.00E+00    | 1.59E-02               | 2.26E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorobenzotrifluoride, 4-         | 98-56-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-03        | P       | 3.00E-01                 | P       | 1.00E+00    | 3.75E-02               | 1.81E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+05                          | 1.05E+04                       | 1.03E+04                                | 1.03E+04               |
| Chlorobiphenyl, p-                 | 2051-62-9  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 7.52E-01               | 1.89E+02 | 6.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorobutane, 1-                   | 109-69-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | 4.00E-02        | P       | -                        |         | 1.00E+00    | 2.69E-02               | 9.26E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 3.35E+05                       | 3.23E+05                                | 3.23E+05               |
| Chlorobutane, 2-                   | 78-86-4    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.67E-02               | 9.26E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorocyclopentadiene              | 41851-50-7 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.77E-02               | 1.01E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorodibromoethane                | 73506-94-2 | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E+00        | -       | -                        |         | 1.00E+00    | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorodifluoromethane              | 75-45-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 5.00E+01                 | I       | 1.00E+00    | 2.68E-03               | 8.65E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloroethanol, 2-                  | 107-07-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-02        | P       | -                        |         | 1.00E+00    | 5.79E-04               | 8.05E+01 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+06                          | 8.17E+06                       | 2.87E+06                                | 2.87E+06               |
| Chloroethylvinyl ether, 2-         | 110-75-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E+00        | -       | -                        |         | 1.00E+00    | 2.36E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloroform                         | 67-66-3    | No       | Yes       | Organics      | Organics      | 3.10E-02                                  | C                    | 1.00E-02        | I       | 9.77E-02                 | A       | 1.00E+00    | 6.83E-03               | 1.19E+02 | 1.00E+00      | Yes     | 4.26E-02                 | -                              | 3.77E+00                       | 2.50E+04                     | 3.22E+03                  | 2.85E+03                        | -                                 | -                              | 2.21E+06                                | 2.85E+05                          | 2.53E+05                       | 2.85E+03                                |                        |
| Chloromethane                      | 74-87-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 9.00E-02                 | I       | 1.00E+00    | 3.28E-03               | 5.05E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloromethyl Methyl Ether          | 107-30-2   | No       | Yes       | Organics      | Organics      | 2.40E+00                                  | C                    | -               |         | -                        |         | 1.00E+00    | 9.05E-04               | 8.05E+01 | 1.00E+00      | Yes     | 5.50E-04                 | -                              | -                              | 3.23E+02                     | 3.81E+02                  | 1.75E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.75E+02               |
| Chloronaphthalene, Beta-           | 91-58-7    | No       | Yes       | Organics      | Organics      | -                                         |                      | 8.00E-02        | I       | -                        |         | 1.00E+00    | 7.49E-02               | 1.63E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+07                          | 1.57E+05                       | 1.56E+05                                | 1.56E+05               |
| Chloronaphthalene, alpha-          | 90-13-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 8.72E-02               | 1.63E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloronitrobenzene, o-             | 88-73-3    | No       | No        | Organics      | Organics      | 3.00E-01                                  | P                    | 3.00E-03        | P       | 1.00E-05                 | X       | 1.00E+00    | 6.30E-03               | 1.58E+02 | 1.00E+00      | Yes     | 4.40E-03                 | -                              | 1.13E+00                       | 2.58E+03                     | 2.82E+02                  | 2.54E+02                        | -                                 | -                              | 6.64E+05                                | 7.25E+04                          | 6.54E+04                       | 2.54E+02                                |                        |
| Chloronitrobenzene, p-             | 100-00-5   | No       | No        | Organics      | Organics      | 6.00E-02                                  | P                    | 7.00E-04        | P       | 2.00E-03                 | P       | 1.00E+00    | 7.93E-03               | 1.58E+02 | 1.00E+00      | Yes     | 2.20E-02                 | -                              | 2.64E-01                       | 1.29E+04                     | 1.12E+03                  | 1.03E+03                        | -                                 | -                              | 1.55E+05                                | 1.34E+04                          | 1.24E+04                       | 1.03E+03                                |                        |
| Chlorooctadecane, 1-               | 3386-33-2  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 6.98E+01               | 2.89E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorophenol, 2-                   | 95-57-8    | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00    | 7.99E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.15E+05                       | 1.04E+05                                | 1.04E+05               |
| Chlorophenol, 3-                   | 108-43-0   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.36E-02               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorophenol, 4-                   | 106-48-9   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.15E-02               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorophenyl Methyl Sulfide, p-    | 123-09-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 2.86E-02               | 1.59E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorophenyl Methyl Sulfoxide      | 934-73-6   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 8.49E-04               | 1.75E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorophenyl phenyl ether, 4-      | 7005-72-3  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.48E-01               | 2.05E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloropicrin                       | 76-06-2    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 4.00E-04                 | C       | 1.00E+00    | 4.59E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chloropropane, 2-                  | 75-29-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00    | 1.04E-02               | 7.85E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Chlorothalonil                     | 1897-45-6  | No       | No        | Organics      | Organics      | 1.70E-02                                  | C                    |                 |         |                          |         |             |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                     | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |          |
|--------------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|----------|
| Cyclohexylamine                                              | 108-91-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-01        | I       | -                        |         | 1.00E+00               | 4.25E-03               | 9.92E+01 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 1.01E+07                       | 8.24E+06                                | 8.24E+06               |          |
| Cyclopentadiene                                              | 542-92-7   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.10E-02               | 6.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Cyfluthrin                                                   | 68359-37-5 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 5.15E-02               | 4.34E+02 | 7.00E-01      | Yes     | -                        | -                              | 9.42E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+06                          | 1.77E+04                       | 1.77E+04                                | 1.77E+04               |          |
| Cyhalothrin                                                  | 68085-85-8 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.10E-01               | 4.50E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Cypermethrin                                                 | 52315-07-8 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.69E-02               | 4.16E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Cyromazine                                                   | 66215-27-8 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-01        | O       | -                        |         | 1.00E+00               | 7.97E-04               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.11E+08                       | 9.04E+07                                | 4.97E+07               | 4.97E+07 |
| DDD, o,p'-                                                   | 53-19-0    | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.01E-01               | 3.20E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| DDT, o,p'-                                                   | 789-02-6   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.26E-01               | 3.54E+02 | 4.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| DDT/DDE/DDD (total)                                          | NA         | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dalapon                                                      | 75-99-0    | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | I       | -                        |         | 1.00E+00               | 8.15E-04               | 1.43E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.64E+06                       | 6.16E+06                                | 3.19E+06               | 3.19E+06 |
| Daminozide                                                   | 1596-84-5  | No       | No        | Organics      | Organics      | 1.80E-02                                  | C                    | 1.50E-01        | I       | -                        |         | 1.00E+00               | 1.99E-05               | 1.60E+02 | 1.00E+00      | Yes     | 7.33E-02                 | -                              | 5.65E+01                       | 4.30E+04                     | 1.46E+06                  | 4.18E+04                        | -                                 | -                              | -                                       | 3.32E+07                          | 1.13E+09                       | 3.22E+07                                | 4.18E+04               |          |
| Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5  | No       | No        | Organics      | Organics      | 7.00E-04                                  | I                    | 7.00E-03        | I       | -                        |         | 1.00E+00               | 7.25E-01               | 9.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 1.11E+06                     | -                         | 1.11E+06                        | -                                 | -                              | -                                       | -                                 | 1.55E+06                       | -                                       | 1.55E+06               | 1.11E+06 |
| Decane                                                       | 124-18-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.32E-01               | 1.42E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Decanol, n-                                                  | 112-30-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.21E-01               | 1.58E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Deltamethrin                                                 | 52918-63-5 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.02E-02               | 5.05E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Demeton                                                      | 8065-48-3  | No       | No        | Organics      | Organics      | -                                         |                      | 4.00E-05        | I       | -                        |         | 1.00E+00               | 7.56E-03               | 5.17E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.51E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 8.85E+03                       | 9.94E+01                                | 9.83E+01               | 9.83E+01 |
| Di(2-ethylhexyl)adipate                                      | 103-23-1   | No       | No        | Organics      | Organics      | 1.20E-03                                  | I                    | 6.00E-01        | I       | -                        |         | 1.00E+00               | 3.23E+00               | 3.71E+02 | 0.00E+00      | Yes     | 1.10E+00                 | -                              | 2.26E+02                       | 6.45E+05                     | -                         | 6.45E+05                        | -                                 | -                              | -                                       | -                                 | 1.33E+08                       | -                                       | 1.33E+08               | 6.45E+05 |
| Di-n-butyltin bis(2-ethylhexanoate)                          | 2781-10-4  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.72E-02               | 5.33E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Di-n-butyltin bis(methyl maleate)                            | 15546-11-9 | No       | Organics  | Organics      | -             | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.25E-04               | 4.91E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Di-n-butyltin bis(n-butyl maleate)                           | 15546-16-4 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.82E-03               | 5.75E+02 | 8.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Di-n-butyltin dilaurate                                      | 77-58-7    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.30E-05               | 6.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Di-n-butyltin distearate                                     | 5847-55-2  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.91E+03               | 8.00E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Di-n-hexylphthalate                                          | 84-75-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.09E-01               | 3.34E+02 | 4.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Diallate                                                     | 2303-16-4  | No       | No        | Organics      | Organics      | 6.10E-02                                  | H                    | -               |         | -                        |         | 1.00E+00               | 4.60E-02               | 2.70E+02 | 9.00E-01      | Yes     | 2.16E-02                 | -                              | -                              | 1.27E+04                     | 1.02E+02                  | 1.01E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.01E+02               |          |
| Diammonium phosphate                                         | 7783-28-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Diazinon                                                     | 333-41-5   | No       | No        | Organics      | Organics      | -                                         |                      | 7.00E-04        | A       | -                        |         | 1.00E+00               | 1.04E-02               | 3.04E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.64E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.55E+05                          | 4.42E+03                       | 4.30E+03                                | 4.30E+03               |          |
| Dibenz[a,h]anthracene                                        | 53-70-3    | Yes      | No        | Organics      | Organics      | 1.00E+00                                  | E                    | -               |         | -                        |         | 1.00E+00               | 9.53E-01               | 2.78E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 3.87E+02                     | -                         | 3.87E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.87E+02               |          |
| Dibenzo(a,e)pyrene                                           | 192-65-4   | No       | No        | Organics      | Organics      | 1.20E+01                                  | C                    | -               |         | -                        |         | 1.00E+00               | 4.19E+00               | 3.02E+02 | 3.00E-01      | No      | -                        | -                              | -                              | 6.45E+01                     | -                         | 6.45E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.45E+01               |          |
| Dibenzofuran                                                 | 132-64-9   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-03        | X       | -                        |         | 1.00E+00               | 9.75E-02               | 1.68E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 1.46E+03                       | 1.45E+03                                | 1.45E+03               |          |
| Dibenzothiophene                                             | 132-65-0   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.18E-01               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibromo-3-chloropropane, 1,2-                                | 96-12-8    | Yes      | Yes       | Organics      | Organics      | 8.00E-01                                  | P                    | 2.00E-04        | P       | 2.00E-04                 | I       | 1.00E+00               | 6.85E-03               | 2.36E+02 | 1.00E+00      | Yes     | 8.24E-04                 | -                              | 7.54E-02                       | 4.84E+02                     | 2.93E+01                  | 2.76E+01                        | -                                 | -                              | -                                       | 4.42E+04                          | 2.68E+03                       | 2.52E+03                                | 2.76E+01               |          |
| Dibromoacetic acid                                           | 631-64-1   | No       | No        | Organics      | Organics      | 2.50E-01                                  | C                    | 3.00E-04        | C       | -                        |         | 1.00E+00               | 2.74E-04               | 2.18E+02 | 1.00E+00      | Yes     | 5.28E-03                 | -                              | 1.13E-01                       | 3.10E+03                     | 5.27E+03                  | 1.95E+03                        | -                                 | -                              | -                                       | 6.64E+04                          | 1.13E+05                       | 4.18E+04                                | 1.95E+03               |          |
| Dibromobenzene, 1,3-                                         | 108-36-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | 4.00E-04        | X       | -                        |         | 1.00E+00               | 2.31E-02               | 2.36E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.51E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+04                          | 1.77E+03                       | 1.73E+03                                | 1.73E+03               |          |
| Dibromobenzene, 1,4-                                         | 106-37-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-02        | I       | -                        |         | 1.00E+00               | 2.45E-02               | 2.36E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 4.17E+04                       | 4.09E+04                                | 4.09E+04               |          |
| Dibromochloromethane                                         | 124-48-1   | No       | Yes       | Organics      | Organics      | 8.40E-02                                  | I                    | 2.00E-02        | I       | -                        |         | 1.00E+00               | 2.89E-03               | 2.08E+02 | 1.00E+00      | Yes     | 1.57E-02                 | -                              | 7.54E+00                       | 9.22E+03                     | 1.58E+03                  | 1.35E+03                        | -                                 | -                              | -                                       | 7.60E+05                          | 6.48E+05                       | 1.35E+03                                | 1.35E+03               |          |
| Dibromodichloromethane                                       | 594-18-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.76E-03               | 2.43E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibromodiphenyl Ether, p,p'-                                 | 2050-47-7  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.69E-01               | 3.28E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibromomethane, 1,2-                                         | 106-93-4   | No       | Yes       | Organics      | Organics      | 2.00E+00                                  | I                    | 9.00E-03        | I       | 9.00E-03                 | I       | 1.00E+00               | 2.78E-03               | 1.88E+02 | 1.00E+00      | Yes     | 6.60E-04                 | -                              | 3.39E+00                       | 3.87E+02                     | 7.88E+01                  | 6.55E+01                        | -                                 | -                              | -                                       | 1.99E+06                          | 4.05E+05                       | 3.37E+05                                | 6.55E+01               |          |
| Dibromomethane (Methylene Bromide)                           | 74-95-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 4.00E-03                 | X       | 1.00E+00               | 2.23E-03               | 1.74E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutoxy di-n-butyltin                                       | 3349-36-8  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.44E-03               | 3.79E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutyl Phthalate                                            | 84-74-2    | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 4.20E-02               | 2.78E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 2.21E+07                       | 1.85E+05                                | 1.83E+05               | 1.83E+05 |
| Dibutylbis(1-oxoisooctyl)oxy)stannane                        | 85702-74-5 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutylbis(octadeca-9(Z),12(Z),15(Z)-trienoyloxy)stannane    | 95873-60-2 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.97E+02               | 7.88E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutylbis(octadeca-9(Z),12(Z)-dienoyloxy)stannane           | 85391-79-3 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutylbis(palmitoyloxy)stannane                             | 13323-63-2 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.02E+02               | 7.44E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutyltin Compounds                                         | NA         | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | P       | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 6.64E+04               |          |
| Dibutyltin diacetate                                         | 1067-33-0  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.83E-05               | 3.51E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutyltin dichloride                                        | 683-18-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.36E-04               | 3.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dibutyltin oxide                                             | 818-08-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.19E-01               | 2.49E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dicalcium phosphate                                          | 7757-93-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.36E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Dicamba                                                      | 1918-00-9  | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.65E-03               | 2.21E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.64E+06                       | 1.14E+06                                | 9.76E+05               | 9.76E+05 |
| Dichloramine                                                 | 340        |          |           |               |               |                                           |                      |                 |         |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |          |



Site-specific

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                        | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Dinitrotoluene, 2,5-            | 619-15-8   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.16E-03               | 1.82E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dinitrotoluene, 2,6-            | 606-20-2   | No       | No        | Organics      | Organics      | 1.50E+00                                  | P                   | 3.00E-04        | X       | -                        |         | 1.00E+00               | 3.70E-03               | 1.82E+02 | 1.00E+00      | Yes     | 8.79E-04                 | -                              | 1.13E-01                       | 5.16E+02                     | 8.20E+01                  | 7.07E+01                        | -                                 | -                              | -                                       | 6.64E+04                          | 1.05E+04                       | 9.09E+03                                | 7.07E+01               |
| Dinitrotoluene, 2-Amino-4,6-    | 35572-78-2 | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-04        | X       | -                        |         | 1.00E+00               | 2.04E-03               | 1.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 5.78E+03                       | 4.58E+03                                | 4.58E+03               |
| Dinitrotoluene, 3,4-            | 610-39-9   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 3.59E-03               | 1.82E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dinitrotoluene, 3,5-            | 618-85-9   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.16E-03               | 1.82E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dinitrotoluene, 4-Amino-2,6-    | 19406-51-0 | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-04        | X       | -                        |         | 1.00E+00               | 2.04E-03               | 1.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 5.78E+03                       | 4.58E+03                                | 4.58E+03               |
| Dinitrotoluene, Technical grade | 25321-14-6 | No       | No        | Organics      | Organics      | 4.50E-01                                  | X                   | 9.00E-04        | X       | -                        |         | 1.00E+00               | 4.16E-03               | 5.46E+02 | 8.00E-01      | Yes     | 2.93E-03                 | -                              | 3.39E-01                       | 1.72E+03                     | 2.90E+01                  | 2.85E+01                        | -                                 | -                              | -                                       | 1.99E+05                          | 3.36E+03                       | 3.30E+03                                | 2.85E+01               |
| Dinoseb                         | 88-85-7    | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 1.63E-02               | 2.40E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 6.09E+03                       | 5.93E+03                                | 5.93E+03               |
| Dioxane, 1,4-                   | 123-91-1   | No       | Yes       | Organics      | Organics      | 1.00E-01                                  | I                   | 3.00E-02        | I       | 3.00E-02                 | I       | 1.00E+00               | 3.32E-04               | 8.81E+01 | 1.00E+00      | Yes     | 1.32E-02                 | -                              | 1.13E+01                       | 7.74E+03                     | 2.40E+04                  | 5.85E+03                        | -                                 | -                              | -                                       | 6.64E+06                          | 2.06E+07                       | 5.02E+06                                | 5.85E+03               |
| Diphenamid                      | 957-51-7   | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 5.63E-03               | 2.39E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 4.79E+05                       | 4.47E+05                                | 4.47E+05               |
| Diphenyl Ether                  | 101-84-8   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 4.00E-04                 | X       | 1.00E+00               | 1.09E-01               | 1.70E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diphenyl Sulfone                | 127-63-9   | No       | No        | Organics      | Organics      | -                                         |                     | 8.00E-04        | X       | -                        |         | 1.00E+00               | 3.67E-03               | 2.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+05                          | 2.24E+04                       | 1.99E+04                                | 1.99E+04               |
| Diphenylamine                   | 122-39-4   | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-01        | O       | -                        |         | 1.00E+00               | 3.73E-02               | 1.69E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 3.79E+05                       | 3.72E+05                                | 3.72E+05               |
| Diphenylhydrazine, 1,2-         | 122-66-7   | No       | No        | Organics      | Organics      | 8.00E-01                                  | I                   | -               |         | -                        |         | 1.00E+00               | 1.30E-02               | 1.84E+02 | 1.00E+00      | Yes     | 1.65E-03                 | -                              | -                              | 9.68E+02                     | 4.31E+01                  | 4.13E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 4.13E+01               |
| Dipotassium phosphate           | 7758-11-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.74E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Diquat                          | 2764-72-9  | No       | No        | Organics      | Organics      | -                                         |                     | 2.20E-03        | I       | -                        |         | 1.00E+00               | 5.38E-03               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.29E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+05                          | 5.24E+04                       | 4.73E+04                                | 4.73E+04               |
| Direct Black 38                 | 1937-37-7  | No       | No        | Organics      | Organics      | 7.40E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 2.05E-04               | 7.80E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.05E+02                     | -                         | 1.05E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.05E+02               |
| Direct Blue 6                   | 2602-46-2  | No       | No        | Organics      | Organics      | 7.40E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 1.73E-09               | 9.33E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.05E+02                     | -                         | 1.05E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.05E+02               |
| Direct Brown 95                 | 16071-86-6 | No       | No        | Organics      | Organics      | 6.70E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 3.87E-12               | 7.61E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.16E+02                     | -                         | 1.16E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.16E+02               |
| Direct Sky Blue                 | 2610-05-1  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 3.69E-07               | 9.93E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Disodium phosphate              | 7558-79-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.42E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Disulfoton                      | 298-04-4   | No       | No        | Organics      | Organics      | -                                         |                     | 4.00E-05        | I       | -                        |         | 1.00E+00               | 2.12E-02               | 2.74E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.51E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+03                          | 1.50E+02                       | 1.48E+02                                | 1.48E+02               |
| Dithiane, 1,4-                  | 505-29-3   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-02        | I       | -                        |         | 1.00E+00               | 1.08E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 1.79E+06                       | 9.90E+05                                | 9.90E+05               |
| Diundecyl Phthalate             | 3648-20-2  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.46E+02               | 4.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diuron                          | 330-54-1   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-03        | I       | -                        |         | 1.00E+00               | 4.66E-03               | 2.33E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 4.02E+04                       | 3.68E+04                                | 3.68E+04               |
| Dodine                          | 2439-10-3  | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | O       | -                        |         | 1.00E+00               | 2.22E-04               | 2.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+06                          | 5.94E+06                       | 2.54E+06                                | 2.54E+06               |
| EPTC                            | 759-94-4   | No       | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-02        | O       | -                        |         | 1.00E+00               | 1.84E-02               | 1.89E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 3.37E+05                       | 3.27E+05                                | 3.27E+05               |
| Endosulfan                      | 115-29-7   | No       | Yes       | Organics      | Organics      | -                                         |                     | 6.00E-03        | I       | -                        |         | 1.00E+00               | 2.86E-03               | 4.07E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.26E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+06                          | 7.11E+04                       | 6.75E+04                                | 6.75E+04               |
| Endosulfan I                    | 959-98-8   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.86E-03               | 4.07E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Endosulfan II                   |            |          |           |               |               |                                           |                     |                 |         |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                    | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-----------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Fluoranthene                | 206-44-0   | No       | No        | Organics      | Organics      | -                                         |                      | 4.00E-02        | I       | -                        |         | 1.00E+00               | 3.08E-01               | 2.02E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | -                              | 8.85E+06                                | 8.85E+06               |
| Fluorene                    | 86-73-7    | No       | Yes       | Organics      | Organics      | -                                         |                      | 4.00E-02        | I       | -                        |         | 1.00E+00               | 1.10E-01               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 5.24E+04                       | 5.21E+04                                | 5.21E+04               |
| Fluoride                    | 16984-48-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 4.00E-02        | C       | 1.30E-02                 | C       | 1.00E+00               | 1.00E-03               | 3.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 1.51E+07                       | 5.58E+06                                | 5.58E+06               |
| Fluorine (Soluble Fluoride) | 7782-41-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 6.00E-02        | I       | 1.30E-02                 | C       | 1.00E+00               | 1.00E-03               | 3.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.26E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+07                          | 2.26E+07                       | 8.36E+06                                | 8.36E+06               |
| Fluorobenzene               | 462-06-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.46E-02               | 9.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluorobiphenyl, 2-          | 321-60-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.22E-02               | 1.72E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluorophenol, 2-            | 367-12-4   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.04E-03               | 1.12E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluridone                   | 59756-60-4 | No       | No        | Organics      | Organics      | -                                         |                      | 8.00E-02        | I       | -                        |         | 1.00E+00               | 2.80E-03               | 3.29E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.02E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+07                          | 1.60E+06                       | 1.47E+06                                | 1.47E+06               |
| Flurprimidol                | 56425-91-3 | No       | No        | Organics      | Organics      | -                                         |                      | 4.00E-02        | O       | -                        |         | 1.00E+00               | 4.59E-03               | 3.12E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 5.44E+05                       | 5.12E+05                                | 5.12E+05               |
| Flusilazole                 | 85509-19-9 | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-03        | O       | -                        |         | 1.00E+00               | 7.66E-03               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 1.60E+04                       | 1.54E+04                                | 1.54E+04               |
| Flutolanil                  | 66332-96-5 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-01        | O       | -                        |         | 1.00E+00               | 6.91E-03               | 3.23E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.88E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+08                          | 4.20E+06                       | 4.05E+06                                | 4.05E+06               |
| Fluvalinate                 | 69409-94-5 | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | I       | -                        |         | 1.00E+00               | 7.92E-02               | 5.03E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | -                              | 2.21E+06                                | 2.21E+06               |
| Folpet                      | 133-07-3   | No       | No        | Organics      | Organics      | -                                         |                      | 9.00E-02        | O       | -                        |         | 1.00E+00               | 2.66E-03               | 2.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.39E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+07                          | 2.10E+06                       | 1.90E+06                                | 1.90E+06               |
| Fomesafen                   | 72178-02-0 | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | O       | -                        |         | 1.00E+00               | 4.57E-04               | 4.39E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 5.44E+05                       | 4.36E+05                                | 4.36E+05               |
| Fonofos                     | 944-22-9   | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-03        | I       | -                        |         | 1.00E+00               | 2.70E-02               | 2.46E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 7.07E+03                       | 6.96E+03                                | 6.96E+03               |
| Formaldehyde                | 50-00-0    | No       | Yes       | Organics      | Organics      | 2.10E-02                                  | C                    | 2.00E-01        | I       | 9.83E-03                 | A       | 1.00E+00               | 1.82E-03               | 3.00E+01 | 1.00E+00      | Yes     | 6.28E-02                 | -                              | 7.54E+01                       | 3.69E+04                     | 2.64E+04                  | 1.54E+04                        | -                                 | -                              | -                                       | 4.42E+07                          | 3.17E+07                       | 1.85E+07                                | 1.54E+04               |
| Formic Acid                 | 64-18-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | 9.00E-01        | P       | 3.00E-04                 | X       | 1.00E+00               | 3.78E-04               | 4.60E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.39E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+08                          | 6.50E+08                       | 1.52E+08                                | 1.52E+08               |
| Fosetyl-AL                  | 39148-24-8 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E+00        | O       | -                        |         | 1.00E+00               | 4.10E-07               | 3.54E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+08                          | -                              | 5.53E+08                                | 5.53E+08               |
| Fuel Oil Number 2           | 68476-30-2 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Furan                       | 110-00-9   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-03        | I       | -                        |         | 1.00E+00               | 5.05E-03               | 6.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 4.98E+04                       | 4.07E+04                                | 4.07E+04               |
| Furazolidone                | 67-45-8    | No       | No        | Organics      | Organics      | 3.80E+00                                  | H                    | -               |         | -                        |         | 1.00E+00               | 8.03E-05               | 2.25E+02 | 1.00E+00      | Yes     | 3.47E-04                 | -                              | -                              | 2.04E+02                     | 1.13E+03                  | 1.73E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.73E+02               |
| Furfural                    | 98-01-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-03        | I       | 5.00E-02                 | H       | 1.00E+00               | 8.48E-04               | 9.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+05                          | 7.73E+05                       | 3.57E+05                                | 3.57E+05               |
| Furium                      | 531-82-8   | No       | No        | Organics      | Organics      | 1.50E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 9.35E-04               | 2.53E+02 | 1.00E+00      | Yes     | 8.79E-04                 | -                              | -                              | 5.16E+02                     | 2.05E+02                  | 1.47E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.47E+02               |
| Furmecyclox                 | 60568-05-0 | No       | No        | Organics      | Organics      | 3.00E-02                                  | I                    | -               |         | -                        |         | 1.00E+00               | 4.99E-02               | 2.51E+02 | 9.00E-01      | Yes     | 4.40E-02                 | -                              | -                              | 2.58E+04                     | 2.16E+02                  | 2.14E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.14E+02               |
| Gadolinium                  | 7440-54-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Gallium                     | 7440-55-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 6.97E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Germanium                   | 7440-56-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 7.26E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Glufosinate, Ammonium       | 77182-82-2 | No       | No        | Organics      | Organics      | -                                         |                      | 6.00E-03        | O       | -                        |         | 1.00E+00               | 3.42E-08               | 1.98E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+06                          | -                              | 1.33E+06                                | 1.33E+06               |
| Glutaraldehyde              | 111-30-8   | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-01        | A       | 8.00E-05                 | C       | 1.00E+00               | 3.25E-04               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 6.57E+07                       | 1.66E+07                                | 1.66E+07               |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                 | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>p</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Hexane, N-                               | 110-54-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 7.00E-01                 | I       | 1.00E+00               | 2.01E-01               | 8.62E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hexanedioic Acid                         | 124-04-9   | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E+00        | P       | -                        |         | 1.00E+00               | 2.68E-04               | 1.46E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+08                          | 1.22E+09                       | 3.25E+08                                | 3.25E+08               |
| Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol) | 104-76-7   | No       | Yes       | Organics      | Organics      | 9.50E-03                                  | P                    | 7.00E-02        | P       | 4.00E-04                 | P       | 1.00E+00               | 1.90E-02               | 1.30E+02 | 1.00E+00      | Yes     | 1.39E-01                 | -                              | 2.64E+01                       | 8.15E+04                     | 3.52E+03                  | 3.38E+03                        | -                                 | -                              | -                                       | 1.55E+07                          | 6.69E+05                       | 6.41E+05                                | 3.38E+03               |
| Hexanol, n-                              | 111-27-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 9.35E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hexanone, 2-                             | 591-78-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | 3.00E-02                 | I       | 1.00E+00               | 3.55E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 3.01E+05                       | 2.37E+05                                | 2.37E+05               |
| Hexazinone                               | 51235-04-2 | No       | No        | Organics      | Organics      | -                                         |                      | 3.30E-02        | I       | -                        |         | 1.00E+00               | 1.02E-03               | 2.52E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.24E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+06                          | 2.67E+06                       | 1.96E+06                                | 1.96E+06               |
| Hexythiazox                              | 78587-05-0 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 8.28E-02               | 3.53E+02 | 8.00E-01      | Yes     | -                        | -                              | 9.42E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+06                          | 1.63E+04                       | 1.63E+04                                | 1.63E+04               |
| HpCDD, 1,2,3,4,6,7,8,-                   | 35822-46-9 | No       | Yes       | Organics      | Organics      | 1.30E+03                                  | W                    | 7.00E-08        | W       | 4.00E-06                 | W       | 1.00E+00               | 1.33E+00               | 4.25E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-01                     | -                         | 5.96E-01                        | -                                 | -                              | -                                       | 1.55E+01                          | -                              | 1.55E+01                                | 5.96E-01               |
| HpCDF, 1,2,3,4,7,8,9-                    | 55673-89-7 | No       | Yes       | Organics      | Organics      | 1.30E+03                                  | W                    | 7.00E-08        | W       | 4.00E-06                 | W       | 1.00E+00               | 1.45E+00               | 4.09E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-01                     | -                         | 5.96E-01                        | -                                 | -                              | -                                       | 1.55E+01                          | -                              | 1.55E+01                                | 5.96E-01               |
| HxCDD, 1,2,3,6,7,8-                      | 57653-85-7 | No       | No        | Organics      | Organics      | 1.30E+04                                  | W                    | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.86E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-02                     | -                         | 5.96E-02                        | -                                 | -                              | -                                       | 1.55E+00                          | -                              | 1.55E+00                                | 5.96E-02               |
| HxCDD, 1,2,3,7,8,9-                      | 19408-74-3 | No       | No        | Organics      | Organics      | 1.30E+04                                  | W                    | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.86E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-02                     | -                         | 5.96E-02                        | -                                 | -                              | -                                       | 1.55E+00                          | -                              | 1.55E+00                                | 5.96E-02               |
| HxCDF, 1,2,3,6,7,8-                      | 57117-44-9 | No       | Yes       | Organics      | Organics      | 1.30E+04                                  | W                    | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.25E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-02                     | -                         | 5.96E-02                        | -                                 | -                              | -                                       | 1.55E+00                          | -                              | 1.55E+00                                | 5.96E-02               |
| HxCDF, 1,2,3,7,8,9-                      | 72918-21-9 | No       | No        | Organics      | Organics      | 1.30E+04                                  | W                    | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 1.35E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-02                     | -                         | 5.96E-02                        | -                                 | -                              | -                                       | 1.55E+00                          | -                              | 1.55E+00                                | 5.96E-02               |
| HxCDF, 2,3,4,6,7,8-                      | 60851-34-5 | No       | No        | Organics      | Organics      | 1.30E+04                                  | W                    | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.25E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 5.96E-02                     | -                         | 5.96E-02                        | -                                 | -                              | -                                       | 1.55E+00                          | -                              | 1.55E+00                                | 5.96E-02               |
| Hydramethylnon                           | 67485-29-4 | No       | No        | Organics      | Organics      | -                                         |                      | 1.70E-02        | O       | -                        |         | 1.00E+00               | 9.02E-05               | 4.94E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.76E+06                          | 3.27E+06                       | 1.75E+06                                | 1.75E+06               |
| Hydrazine                                | 302-01-2   | No       | Yes       | Inorganics    | Inorganics    | 3.00E+00                                  | I                    | -               |         | 3.00E-05                 | P       | 1.00E+00               | 4.36E-05               | 3.20E+01 | 1.00E+00      | Yes     | 4.40E-04                 | -                              | -                              | 2.58E+02                     | 1.01E+04                  | 2.52E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.52E+02               |
| Hydrazine Sulfate                        | 10034-93-2 | No       | No        | Inorganics    | Inorganics    | 3.00E+00                                  | I                    | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.28E+02 | 1.00E+00      | Yes     | 4.40E-04                 | -                              | -                              | 2.58E+02                     | 4.40E+02                  | 1.63E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.63E+02               |
| Hydrogen Chloride                        | 7647-01-0  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | -               |         | 2.00E-02                 | I       | 1.00E+00               | 1.00E-03               | 3.55E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Cyanide                         | 74-90-8    | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | 6.00E-04        | I       | 8.00E-04                 | I       | 1.00E+00               | 1.00E-03               | 2.70E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.26E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+05                          | 2.26E+05                       | 8.36E+04                                | 8.36E+04               |
| Hydrogen Fluoride                        | 7664-39-3  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | 4.00E-02        | C       | 1.40E-02                 | C       | 1.00E+00               | 1.00E-03               | 2.00E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 1.51E+07                       | 5.58E+06                                | 5.58E+06               |
| Hydrogen Selenide                        | 7783-07-5  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.10E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Sulfate                         | 12143-45-2 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Sulfide                         | 7783-06-4  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | -               |         | 2.00E-03                 | I       | 1.00E+00               | 1.00E-03               | 3.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydroquinone                             | 123-31-9   | No       | No        | Organics      | Organics      | 6.00E-02                                  | P                    | 4.00E-02        | P       | -                        |         | 1.00E+00               | 9.31E-04               | 1.10E+02 | 1.00E+00      | Yes     | 2.20E-02                 | -                              | 1.51E+01                       | 1.29E+04                     | 1.30E+04                  | 6.46E+03                        | -                                 | -                              | -                                       | 8.85E+06                          | 8.88E+06                       | 4.43E+06                                | 6.46E+03               |
| Imazail                                  | 35554-44-0 | No       | No        | Organics      | Organics      | 6.11E-02                                  | O                    | 1.08E-01        | O       | -                        |         | 1.00E+00               | 1.16E-02               | 2.97E+02 | 9.00E-01      | Yes     | 2.16E-02                 | -                              | 4.07E+01                       | 1.27E+04                     | 3.40E+02                  | 3.31E+02                        | -                                 | -                              | -                                       | 2.39E+07                          | 6.40E+05                       | 6.24E+05                                | 3.31E-02               |
| Imazaquin                                | 81335-37-7 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-01        | I       | -                        |         | 1.00E+00               | 4.83E-04               | 3.11E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.42E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+07                          | 2.92E+07                       | 1.91E+07                                | 1.91E+07               |
| Imazethapyr                              | 81335-77-5 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E+00        | O       | -                        |         | 1.00E+00               | 2.00E-03               | 2.89E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.42E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+08                          | 8.14E+07                       | 7.09E+07                                | 7.09E+07               |
| Indeno[1,2,3-cd]pyrene                   | 193-39-5   | Yes      | No        | Organics      | Organics      | 1.00E-01                                  | E                    | -               |         | -                        |         | 1.00E+00               | 1.24E+00               | 2.76E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 3.87E+03                     | -                         | 3.87E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.87E+03               |
| Indium                                   | 7440-74-6  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.15E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodide                                   | 20461-54-5 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.27E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodine                                   | 7553-56-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E-02        | A       | -                        |         | 1.00E+00               | 1.00E-03               | 2.54E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 3.77E+06                       | 1.39E+06                                | 1.39E+06               |
| Iodomethane                              | 74-88-4    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.52E-03               | 1.42E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodopropynyl Butylcarbamate (IPBC)       | 55406-53-6 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.77E-03               | 2.81E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iprodione                                | 36734-19-7 | No       | No        | Organics      | Organics      | -                                         |                      | 4.00E-02        | I       | -                        |         | 1.00E+00               | 2.17E-03               | 3.30E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.51E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+06                          | 1.02E+06                       | 9.18E+05                                | 9.18E+05               |
| Iron                                     | 7439-89-6  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 7.00E-01        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 5.58E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.64E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.55E+08                          | 2.64E+08                       | 9.76E+07                                | 9.76E+07               |
| Iron Sulfide                             | 11126-12-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isobutyl Alcohol                         | 78-83-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-01        | I       | 4.00E-01                 | X       | 1.00E+00               | 1.92E-03               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+07                          | 3.81E+07                       | 2.42E+07                                | 2.42E+07               |
| Isodrin                                  | 465-73-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.93E-01               | 3.65E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isophorone                               | 78-59-1    | No       | No        | Organics      | Organics      | 9.50E-04                                  | I                    | 2.00E-01        | I       | 2.00E+00                 | C       | 1.00E+00               | 3.54E-03               | 1.38E+02 | 1.00E+00      | Yes     | 1.39E+00                 | -                              | 7.54E+01                       | 8.15E+05                     | 1.80E+05                  | 1.47E+05                        | -                                 | -                              | -                                       | 4.42E+07                          | 9.75E+06                       | 7.99E+06                                | 1.47E+05               |
| Isopropalin                              | 33820-53-0 | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.50E-02        | I       | -                        |         | 1.00E+00               | 2.07E-01               | 3.09E+02 | 8.00E-01      | Yes     | -                        | -                              | 5.65E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.32E+06                          | 5.18E+03                       | 5.17E+03                                | 5.17E+03               |
| Isopropanol                              | 67-63-0    | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E+00        | P       | 2.00E-01                 | P       | 1.00E+00               | 7.78E-04               | 6.01E+01 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+08                          | 6.66E+08                       | 2.66E+08                                | 2.66E+08               |
| Isopropyl Methyl Phosphonic Acid         | 1832-54-8  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.96E-04               | 1.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 4.36E+07                       | 1.47E+07                                | 1.47E+07               |
| Isopropyltoluene, p-                     | 99-87-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.47E-01               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isosafrole                               | 120-58-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.34E-02               | 1.62E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isoxaben                                 | 82558-50-7 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-02        | I       | -                        |         | 1.00E+00               | 8.87E-03               | 3.32E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 3.09E+05                       | 3.01E+05                                | 3.01E+05               |
| Jet propulsion fuel 4 (JP-4)             | 50815-00-4 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 5 (JP-5)             | NA         | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 7 (JP-7)             | NA         | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 3.00E-01                 | A       | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 8 (JP-8)             | NA         | No       | Yes       | Organics      | Organics      | -                                         |                      |                 |         |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                        | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Maleic Hydrazide                                | 123-33-1   | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-01        | I       | -                        |         | 1.00E+00               | 1.02E-04               | 1.12E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+08                          | 1.00E+09                       | 9.96E+07                                | 9.96E+07               |
| Malononitrile                                   | 109-77-3   | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-04        | P       | -                        |         | 1.00E+00               | 2.66E-04               | 6.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 9.49E+04                       | 1.79E+04                                | 1.79E+04               |
| Mancozeb                                        | 8018-01-7  | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | H       | -                        |         | 1.00E+00               | 7.71E-04               | 5.41E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 5.56E+05                       | 5.13E+05                                | 5.13E+05               |
| Maneb                                           | 12427-38-2 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 7.71E-04               | 2.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 4.06E+05                       | 2.97E+05                                | 2.97E+05               |
| Manganese (Non-diet)                            | 7439-96-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 2.40E-02        | G       | 5.00E-05                 | I       | 4.00E-02               | 1.00E-03               | 5.49E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.62E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.31E+06                          | 3.62E+05                       | 3.39E+05                                | 3.39E+05               |
| Mechlorethamine                                 | 51-75-2    | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.07E-03               | 1.56E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Mephsolan                                       | 950-10-7   | No       | No        | Organics      | Organics      | -                                         |                      | 9.00E-05        | H       | -                        |         | 1.00E+00               | 2.37E-04               | 2.69E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.39E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+04                          | 2.81E+04                       | 1.17E+04                                | 1.17E+04               |
| Mepiquat Chloride                               | 24307-26-4 | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | I       | -                        |         | 1.00E+00               | 3.03E-06               | 1.50E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | -                              | 6.64E+06                                | 6.64E+06               |
| Mercaptobenzothiazole, 2-                       | 149-30-4   | No       | No        | Organics      | Organics      | 1.10E-02                                  | P                    | 4.00E-03        | P       | -                        |         | 1.00E+00               | 7.32E-03               | 1.67E+02 | 1.00E+00      | Yes     | 1.20E-01                 | -                              | 1.51E+00                       | 7.04E+04                     | 6.22E+03                  | 5.71E+03                        | -                                 | -                              | -                                       | 8.85E+05                          | 7.82E+04                       | 7.18E+04                                | 5.71E+03               |
| Mercuric Chloride                               | 7487-94-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 3.00E-04        | I       | 3.00E-04                 | G       | 7.00E-02               | 1.00E-03               | 2.72E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.92E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 7.92E+03                       | 7.07E+03                                | 7.07E+03               |
| Mercury (elemental)                             | 7439-97-6  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                      | -               |         | 3.00E-04                 | I       | 1.00E+00               | 1.00E-03               | 2.01E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Merphos                                         | 150-50-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-05        | I       | -                        |         | 1.00E+00               | 4.15E+00               | 2.99E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+03                          | -                              | 6.64E+03                                | 6.64E+03               |
| Metalaxyl                                       | 57837-19-1 | No       | No        | Organics      | Organics      | -                                         |                      | 6.00E-02        | I       | -                        |         | 1.00E+00               | 5.80E-04               | 2.79E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.26E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+07                          | 7.18E+06                       | 4.66E+06                                | 4.66E+06               |
| Methacrylonitrile                               | 126-98-7   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-04        | I       | 3.00E-02                 | P       | 1.00E+00               | 1.86E-03               | 6.71E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 1.35E+04                       | 8.40E+03                                | 8.40E+03               |
| Methamidophos                                   | 10265-92-6 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-05        | I       | -                        |         | 1.00E+00               | 7.44E-05               | 1.41E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+04                          | 1.14E+05                       | 1.01E+04                                | 1.01E+04               |
| Methanol                                        | 67-56-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E+00        | I       | 2.00E+01                 | I       | 1.00E+00               | 3.19E-04               | 3.20E+01 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+08                          | 1.79E+09                       | 3.55E+08                                | 3.55E+08               |
| Methapyriene                                    | 91-80-5    | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | 1.00E+00                 |         | 1.00E+00               | 4.32E-03               | 2.61E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methidathion                                    | 950-37-8   | No       | No        | Organics      | Organics      | -                                         |                      | 1.50E-03        | O       | -                        |         | 1.00E+00               | 9.13E-04               | 3.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 5.65E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.32E+05                          | 9.84E+04                       | 7.59E+04                                | 7.59E+04               |
| Methomyl                                        | 16752-77-5 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 4.82E-04               | 1.62E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.42E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+06                          | 7.66E+06                       | 3.21E+06                                | 3.21E+06               |
| Methoxy-5-nitroaniline, 2-                      | 99-59-2    | No       | No        | Organics      | Organics      | 4.90E-02                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.69E-03               | 1.68E+02 | 1.00E+00      | Yes     | 2.69E-02                 | -                              | -                              | 1.58E+04                     | 6.01E+03                  | 4.35E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 4.35E+03               |
| Methoxychlor                                    | 72-43-5    | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 4.28E-02               | 3.46E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 6.61E+03                       | 6.57E+03                                | 6.57E+03               |
| Methoxyethanol Acetate, 2-                      | 110-49-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | 8.00E-03        | P       | 1.00E-03                 | P       | 1.00E+00               | 3.96E-04               | 1.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+06                          | 3.97E+06                       | 1.22E+06                                | 1.22E+06               |
| Methoxyethanol, 2-                              | 109-86-4   | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | P       | 7.00E-03                 | P       | 1.00E+00               | 1.80E-04               | 7.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 6.71E+06                       | 9.49E+05                                | 9.49E+05               |
| Methyl Acetate                                  | 79-20-9    | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E+00        | X       | -                        |         | 1.00E+00               | 7.92E-04               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.08E+08                       | 1.29E+08                                | 1.29E+08               |
| Methyl Acrylate                                 | 96-33-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 2.00E-02                 | P       | 1.00E+00               | 1.75E-03               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Ethyl Ketone (2-Butanone)                | 78-93-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | 6.00E-01        | I       | 5.00E+00                 | I       | 1.00E+00               | 9.62E-04               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.26E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+08                          | 1.53E+08                       | 7.12E+07                                | 7.12E+07               |
| Methyl Hydrazine                                | 60-34-4    | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-03        | P       | 2.00E-05                 | X       | 1.00E+00               | 1.73E-04               | 4.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 1.58E+06                       | 1.94E+05                                | 1.94E+05               |
| Methyl isobutyl Ketone (4-methyl-2-pentanone)   | 108-10-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 3.00E+00                 | I       | 1.00E+00               | 3.19E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Isocyanate                               | 624-83-9   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 1.00E-03                 | C       | 1.00E+00               | 2.50E-03               | 5.71E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Mercaptan                                | 74-93-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.76E-03               | 4.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Mercury                                  | 22967-92-6 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 2.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 3.77E+04                       | 1.39E+04                                | 1.39E+04               |
| Methyl Methacrylate                             | 80-62-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.40E+00        | I       | 7.00E-01                 | I       | 1.00E+00               | 3.55E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 5.28E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.10E+08                          | 8.44E+07                       | 6.63E+07                                | 6.63E+07               |
| Methyl Parathion                                | 298-00-0   | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-04        | I       | -                        |         | 1.00E+00               | 4.16E-03               | 2.63E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.42E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+04                          | 4.63E+03                       | 4.27E+03                                | 4.27E+03               |
| Methyl Phosphonic Acid                          | 993-13-5   | No       | No        | Organics      | Organics      | -                                         |                      | 6.00E-02        | X       | -                        |         | 1.00E+00               | 9.84E-05               | 9.60E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.26E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+07                          | 1.33E+08                       | 1.21E+07                                | 1.21E+07               |
| Methyl Styrene (Mixed isomers)                  | 25013-15-4 | No       | Yes       | Organics      | Organics      | -                                         |                      | 6.00E-03        | H       | 4.00E-02                 | H       | 1.00E+00               | 6.60E-02               | 3.55E+02 | 8.00E-01      | Yes     | -                        | -                              | 2.26E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.33E+06                          | 4.86E+03                       | 4.84E+03                                | 4.84E+03               |
| Methyl dicyclohexylamine, n-                    | 7560-83-0  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.67E-02               | 1.95E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl methanesulfonate                         | 66-27-3    | No       | No        | Organics      | Organics      | 9.90E-02                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.38E-04               | 1.10E+02 | 1.00E+00      | Yes     | 1.33E-02                 | -                              | 7.82E+03                       | 5.30E+04                     | 6.81E+03                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.81E+03               |
| Methyl tert-Butyl Ether (MTBE)                  | 1634-04-4  | No       | Yes       | Organics      | Organics      | 1.80E-03                                  | C                    | -               |         | 3.00E+00                 | I       | 1.00E+00               | 2.11E-03               | 8.82E+01 | 1.00E+00      | Yes     | 7.33E-01                 | -                              | -                              | 4.30E+05                     | 2.10E+05                  | 1.41E+05                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.41E+05               |
| Methyl-1,4-benzenediamine dihydrochloride, 2-   | 615-45-2   | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | X       | -                        |         | 1.00E+00               | 5.39E-06               | 1.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 6.65E+06                       | 6.57E+04                                | 6.57E+04               |
| Methyl-2-Pentanol, 4-                           | 108-11-2   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 3.00E+00                 | X       | 1.00E+00               | 5.44E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl-5-Nitroaniline, 2-                       | 99-55-8    | No       | No        | Organics      | Organics      | 9.00E-03                                  | P                    | 2.00E-02        | X       | -                        |         | 1.00E+00               | 3.84E-03               | 1.52E+02 | 1.00E+00      | Yes     | 1.47E-01                 | -                              | 7.54E+00                       | 8.60E+04                     | 1.60E+04                  | 1.35E+04                        | -                                 | -                              | 4.42E+06                                | 8.21E+05                          | 6.93E+05                       | 1.35E+04                                |                        |
| Methyl-N-nitro-N-nitrosoguanidine, N-           | 70-25-7    | No       | No        | Organics      | Organics      | 8.30E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 5.72E-05               | 1.47E+02 | 1.00E+00      | Yes     | 1.59E-04                 | -                              | -                              | 9.33E+01                     | 1.20E+03                  | 8.66E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 8.66E+01               |
| Methylaniline Hydrochloride, 2-                 | 636-21-5   | No       | No        | Organics      | Organics      | 1.30E-01                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.05E-05               | 1.44E+02 | 1.00E+00      | Yes     | 1.01E-02                 | -                              | 5.96E+03                       | 4.27E+05                     | 5.87E+03                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 5.87E+03               |
| Methylarsonic acid                              | 124-58-3   | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | A       | -                        |         | 1.00E+00               | 4.19E-05               | 1.40E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 4.07E+07                       | 2.10E+06                                | 2.10E+06               |
| Methylaziridine, 2-                             | 75-55-8    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.99E-04               | 5.71E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methylbenzene,1,4-diamine monohydrochloride, 2- | 74612-12-7 | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-04        | X       | -                        |         | 1.00E+00               | -                      | 1.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+04                          | -                              | 4.42E+04                                | 4.42E+04               |
| Methylbenzene-1,4-diamine sulfate, 2-           | 615-50-9   | No       | No        | Organics      | Organics      | 1.00E-01                                  | X                    | 3.00E-04        | X       | -                        |         | 1.00E+00               | -                      | 2.20E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 7.74E+03                     | -                         | 7.74E+03                        | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 7.74E+03               |
| Methylcholanthrene, 3-                          | 56-49-5    | Yes      | No        | Organics      | Organics      | 2.20E+01                                  | C                    | -               |         | -                        |         | 1.00E+00               | 9.03E-01               | 2.68E+02 | 8.00E-01      | No      | -                        | -                              | -                              | 1.76E+01                     | -                         | 1                               |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Molinate                                    | 2212-67-1  | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-03        | I       | -                        |         | 1.00E+00               | 1.89E-02               | 1.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 1.33E+04                       | 1.29E+04                                | 1.29E+04               |
| Molybdenum                                  | 7439-98-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 5.00E-03        | I       | 2.00E-03                 | A       | 1.00E+00               | 1.00E-03               | 9.59E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.88E+06                       | 6.97E+05                                | 6.97E+05               |
| Monoaluminum phosphate                      | 13530-50-2 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.18E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monooammonium phosphate                     | 7722-76-1  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.15E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monobutyltin Compounds                      | NA         | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monocalcium phosphate                       | 7758-23-8  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monochloramine                              | 10599-90-3 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 5.15E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+07                          | 3.77E+07                       | 1.39E+07                                | 1.39E+07               |
| Monochlorobutanes                           | 25154-42-1 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monocyclic aromatic hydrocarbons (total)    | NA         | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monomagnesium phosphate                     | 7757-86-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monomethylaniline                           | 100-61-8   | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-03        | P       | -                        |         | 1.00E+00               | 4.98E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 8.46E+04                       | 7.10E+04                                | 7.10E+04               |
| Monopotassium phosphate                     | 7778-77-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.36E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Monosodium phosphate                        | 7558-80-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Myclobutanil                                | 88671-89-0 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 3.37E-03               | 2.75E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.42E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 5.53E+06                          | 5.31E+05                       | 4.84E+05                                | 4.84E+05               |
| N,N'-Diphenyl-1,4-benzenediamine            | 74-31-7    | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | X       | -                        |         | 1.00E+00               | 2.62E-02               | 2.60E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 9.99E+02                       | 9.84E+02                                | 9.84E+02               |
| N-Methyl dithiocarbamate                    | 137-42-8   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.32E-06               | 1.29E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naled                                       | 300-76-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-03        | I       | -                        |         | 1.00E+00               | 9.44E-05               | 3.81E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 7.65E+05                       | 2.80E+05                                | 2.80E+05               |
| Naphtha, High Flash Aromatic (HFAN)         | 64742-95-6 | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-02        | X       | 1.00E-01                 | P       | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | -                              | 6.64E+06                                | 6.64E+06               |
| Naphthalene                                 | 91-20-3    | No       | Yes       | Organics      | Organics      | 1.20E-01                                  | C                    | 2.00E-02        | I       | 3.00E-03                 | I       | 1.00E+00               | 4.66E-02               | 1.28E+02 | 1.00E+00      | Yes     | 1.10E-02                 | -                              | 7.54E+00                       | 6.45E+03                     | 1.15E+02                  | 1.13E+02                        | -                                 | -                              | 4.42E+06                                | 7.90E+04                          | 7.76E+04                       | 1.13E+02                                |                        |
| Naphthol, 2-                                | 135-19-3   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.88E-02               | 1.44E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthoquinone, 1,4-                        | 130-15-4   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.78E-03               | 1.58E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthylamine, 1-                           | 134-32-7   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.70E-03               | 1.43E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthylamine, 2-                           | 91-59-8    | No       | No        | Organics      | Organics      | 1.80E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 8.07E-03               | 1.43E+02 | 1.00E+00      | Yes     | 7.33E-04                 | -                              | -                              | 4.30E+02                     | 4.03E+01                  | 3.68E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.68E+01               |
| Napropamide                                 | 15299-99-7 | No       | No        | Organics      | Organics      | -                                         |                      | 1.20E-01        | O       | -                        |         | 1.00E+00               | 8.04E-03               | 2.71E+02 | 9.00E-01      | Yes     | -                        | -                              | 4.52E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.65E+07                          | 1.21E+06                       | 1.16E+06                                | 1.16E+06               |
| Neodymium Chloride (Stable, Nonradioactive) | 10024-93-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.51E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Niagara Blue 4B                             | 2429-74-5  | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.69E-07               | 9.93E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nickel Acetate                              | 373-02-4   | No       | No        | Organics      | Organics      | -                                         |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | 1.94E-05               | 1.77E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.15E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 7.63E+07                       | 2.36E+06                                | 2.36E+06               |
| Nickel Carbonate                            | 3333-67-3  | No       | No        | Organics      | Organics      | -                                         |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | 1.32E-05               | 1.19E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.15E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 1.63E+08                       | 2.40E+06                                | 2.40E+06               |
| Nickel Carbonyl                             | 13463-39-3 | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | -                      | 1.71E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | -                              | 2.43E+06                                | 2.43E+06               |
| Nickel Hydroxide                            | 12054-48-7 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 4.00E-02               | 1.00E-03               | 9.27E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.66E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 1.66E+05                       | 1.55E+05                                | 1.55E+05               |
| Nickel Oxide                                | 1313-99-1  | No       | No        |               |               |                                           |                      |                 |         |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Site-specific

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                               | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RIC (mg/m <sup>3</sup> ) | RIC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|--------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Nitrosomethylethylamine, N-                            | 10595-95-6 | No       | Yes       | Organics      | Organics      | 2.20E+01                                  | I                    | -               |         | -                        |         | 1.00E+00               | 5.33E-04               | 8.81E+01 | 1.00E+00      | Yes     | 6.00E-05                 | -                              | -                              | 3.52E+01                     | 6.80E+01                  | 2.32E+01                        | -                                 | -                              | -                                       | -                                 | -                              | 2.32E+01                                |                        |
| Nitrosomethylvinylamine, N-                            | 4549-40-0  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.15E-04               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Nitrosomorpholine [N-]                                 | 59-89-2    | No       | No        | Organics      | Organics      | 6.70E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.78E-04               | 1.16E+02 | 1.00E+00      | Yes     | 1.97E-04                 | -                              | -                              | 1.16E+02                     | 5.84E+02                  | 9.65E+01                        | -                                 | -                              | -                                       | -                                 | -                              | 9.65E+01                                |                        |
| Nitrosopiperidine [N-]                                 | 100-75-4   | No       | No        | Organics      | Organics      | 9.40E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 6.22E-04               | 1.14E+02 | 1.00E+00      | Yes     | 1.40E-04                 | -                              | -                              | 8.24E+01                     | 1.21E+02                  | 4.89E+01                        | -                                 | -                              | -                                       | -                                 | -                              | 4.89E+01                                |                        |
| Nitrosopyrrolidine, N-                                 | 930-55-2   | No       | No        | Organics      | Organics      | 2.10E+00                                  | I                    | -               |         | -                        |         | 1.00E+00               | 3.21E-04               | 1.00E+02 | 1.00E+00      | Yes     | 6.28E-04                 | -                              | -                              | 3.69E+02                     | 1.11E+03                  | 2.77E+02                        | -                                 | -                              | -                                       | -                                 | -                              | 2.77E+02                                |                        |
| Nitrotoluene, 4-Amino-2-                               | 119-32-4   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.82E-03               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Nitrotoluene, m-                                       | 99-08-1    | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-04        | X       | -                        |         | 1.00E+00               | 1.13E-02               | 1.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+04                          | 1.54E+03                       | 1.44E+03                                | 1.44E+03               |
| Nitrotoluene, o-                                       | 88-72-2    | No       | Yes       | Organics      | Organics      | 2.20E-01                                  | P                    | 9.00E-04        | P       | -                        |         | 1.00E+00               | 8.99E-03               | 1.37E+02 | 1.00E+00      | Yes     | 6.00E-03                 | -                              | 3.39E-01                       | 3.52E+03                     | 3.07E+02                  | 2.83E+02                        | -                                 | 1.99E+05                       | 1.74E+04                                | 1.60E+04                          | 2.83E+02                       |                                         |                        |
| Nitrotoluene, p-                                       | 99-99-0    | No       | No        | Organics      | Organics      | 1.60E-02                                  | P                    | 4.00E-03        | P       | -                        |         | 1.00E+00               | 1.00E-02               | 1.37E+02 | 1.00E+00      | Yes     | 8.24E-02                 | -                              | 1.51E+00                       | 4.84E+04                     | 3.80E+03                  | 3.52E+03                        | -                                 | 8.85E+05                       | 6.95E+04                                | 6.44E+04                          | 3.52E+03                       |                                         |                        |
| Nonachlor, trans-                                      | 39765-80-5 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 8.36E-02               | 4.44E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Nonane, n-                                             | 111-84-2   | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-04        | X       | 2.00E-02                 | P       | 1.00E+00               | 1.70E+00               | 1.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | 6.64E+04                                | -                                 | 6.64E+04                       | 6.64E+04                                |                        |
| Nonanol, n-                                            | 143-08-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.78E-02               | 1.44E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Nonylphenol                                            | 25154-52-3 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 6.11E-01               | 2.20E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Norflurazon                                            | 27314-13-2 | No       | No        | Organics      | Organics      | -                                         |                      | 1.50E-03        | O       | -                        |         | 1.00E+00               | 1.05E-03               | 3.04E+02 | 1.00E+00      | Yes     | -                        | -                              | 5.65E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.32E+05                          | 8.48E+04                       | 6.75E+04                                | 6.75E+04               |
| OCDD                                                   | 3268-87-9  | No       | No        | Organics      | Organics      | 3.90E+01                                  | W                    | 2.33E-06        | W       | 1.33E-04                 | W       | 1.00E+00               | 1.16E+00               | 4.60E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 1.99E+01                     | -                         | 1.99E+01                        | -                                 | -                              | 5.16E+02                                | -                                 | 5.16E+02                       | 1.99E+01                                |                        |
| OCDF                                                   | 39001-02-0 | No       | No        | Organics      | Organics      | 3.90E+01                                  | W                    | 2.33E-06        | W       | 1.33E-04                 | W       | 1.00E+00               | 2.63E+00               | 4.44E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 1.99E+01                     | -                         | 1.99E+01                        | -                                 | -                              | 5.16E+02                                | -                                 | 5.16E+02                       | 1.99E+01                                |                        |
| Octabromodiphenyl Ether                                | 32536-52-0 | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-03        | I       | -                        |         | 1.00E+00               | 3.06E-02               | 8.01E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+05                          | -                              | 6.64E+05                                | 6.64E+05               |
| Octachlorostyrene                                      | 29082-74-4 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.05E+00               | 3.80E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octadecanoic Acid                                      | 57-11-4    | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.17E+01               | 2.84E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0  | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-02        | I       | -                        |         | 1.00E+00               | 4.36E-05               | 2.96E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 7.15E+07                       | 9.58E+06                                | 9.58E+06               |
| Octahydrotrimethylmethylethylphenanthrenol             | 511-15-9   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.66E+00               | 2.86E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octamethylpyrophosphoramide                            | 152-16-9   | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-03        | H       | -                        |         | 1.00E+00               | 8.30E-06               | 2.86E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+05                          | 1.60E+07                       | 4.31E+05                                | 4.31E+05               |
| Octanol, n-                                            | 111-87-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.74E-02               | 1.30E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octanone, 2-                                           | 111-13-7   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.12E-02               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octanone, 3-                                           | 106-68-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 8.94E-03               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Octyl Phthalate, di-N-                                 | 117-84-0   | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | P       | -                        |         | 1.00E+00               | 2.43E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | -                              | 2.21E+06                                | 2.21E+06               |
| Oleic acid                                             | 112-80-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.87E+00               | 2.82E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Oleum                                                  | 8014-95-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Oryzalin                                               | 19044-88-3 | No       | No        | Organics      | Organics      | 7.79E-03                                  | O                    | 1.90E-01        | O       | -                        |         | 1.00E+00               | 5.37E-03               | 3.46E+02 | 9.00E-01      | Yes     | 1.69E-01                 | -                              | 7.16E+01                       | 9.94E+04                     | 4.19E+03                  | 4.02E+03                        | -                                 | -                              | 4.20E+07                                | 1.77E+06                          | 1.70E+06                       | 4.02E+03                                |                        |
| Oxadiazon                                              | 19666-30-9 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 2.80E-02               | 3.45E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.01E+04                       | 1.00E+04                                | 1.00E+04               |
| Oxamyl                                                 | 23135-22-0 | No       | No        | Organics      | Organics      | -                                         |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 4.49E-05               | 2.19E+   |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL. SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded

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Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                     | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg·day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg·day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|----------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Propylene Glycol Dinitrate                   | 6423-43-4  | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | 2.72E-04                 | A       | 1.00E+00               | 2.08E-03               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Propylene Glycol Monoethyl Ether             | 1569-02-4  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.09E-04               | 1.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Propylene Glycol Monomethyl Ether            | 107-98-2   | No       | Yes       | Organics      | Organics      | -                                         |                      | 7.00E-01        | H       | 2.00E+00                 | I       | 1.00E+00               | 2.31E-04               | 9.01E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.64E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.55E+08                          | 6.83E+08                       | 1.26E+08                                | 1.26E+08               |
| Propylene Oxide                              | 75-56-9    | No       | Yes       | Organics      | Organics      | 2.40E-01                                  | I                    | -               |         | 3.00E-02                 | I       | 1.00E+00               | 7.74E-04               | 5.81E+01 | 1.00E+00      | Yes     | 5.50E-03                 | -                              | -                              | 3.23E+03                     | 4.92E+03                  | 1.95E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.95E+03               |
| Prussian Blue (Ferric Ferrocyanide)          | 14038-43-8 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | 8.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Pyrazinyl phosphorothioate, O,O-diethyl O-2- | 297-97-2   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.09E-03               | 2.48E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Pyrene                                       | 129-00-0   | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.01E-01               | 2.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 1.70E+04                       | 1.70E+04                                | 1.70E+04               |
| Pyridine                                     | 110-86-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-03        | I       | -                        |         | 1.00E+00               | 1.52E-03               | 7.91E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 1.57E+05                       | 9.18E+04                                | 9.18E+04               |
| Quinalphos                                   | 13593-03-8 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-04        | I       | -                        |         | 1.00E+00               | 2.96E-02               | 2.98E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.88E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+05                          | 1.15E+03                       | 1.14E+03                                | 1.14E+03               |
| Quinoline                                    | 91-22-5    | No       | No        | Organics      | Organics      | 3.00E+00                                  | I                    | -               |         | -                        |         | 1.00E+00               | 6.59E-03               | 1.29E+02 | 1.00E+00      | Yes     | 4.40E-04                 | -                              | -                              | 2.58E+02                     | 3.24E+01                  | 2.88E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.88E+01               |
| Quizalofop-ethyl                             | 76578-14-8 | No       | No        | Organics      | Organics      | -                                         |                      | 9.00E-03        | I       | -                        |         | 1.00E+00               | 8.86E-03               | 3.73E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.39E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+06                          | 4.29E+04                       | 4.20E+04                                | 4.20E+04               |
| Resmethrin                                   | 10453-86-8 | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.38E-01               | 3.38E+02 | 7.00E-01      | Yes     | -                        | -                              | 1.13E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+06                          | 8.54E+03                       | 8.53E+03                                | 8.53E+03               |
| Resorcinol                                   | 108-46-3   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.28E-03               | 1.10E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Ronnel                                       | 299-84-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-02        | H       | -                        |         | 1.00E+00               | 4.30E-02               | 3.22E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 7.69E+04                       | 7.64E+04                                | 7.64E+04               |
| Rotenone                                     | 83-79-4    | No       | No        | Organics      | Organics      | -                                         |                      | 4.00E-03        | I       | -                        |         | 1.00E+00               | 5.09E-03               | 3.94E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.51E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.85E+05                          | 2.89E+04                       | 2.80E+04                                | 2.80E+04               |
| Rubidium                                     | 7440-17-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.55E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Chloride                            | 7791-11-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.21E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Hydroxide                           | 1310-82-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Iodide                              | 7790-29-6  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.12E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Safrole                                      | 94-59-7    | Yes      | No        | Organics      | Organics      | 2.20E-01                                  | C                    | -               |         | -                        |         | 1.00E+00               | 1.13E-02               | 1.62E+02 | 1.00E+00      | Yes     | 3.00E-03                 | -                              | -                              | 1.76E+03                     | 1.04E+02                  | 9.84E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 9.84E+01               |
| Samarium Chloride (Stable, Nonradioactive)   | 10361-82-7 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Samarium Nitrate (Stable, Nonradioactive)    | 10361-83-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.36E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Scandium                                     | 7440-20-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 4.50E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Selenious Acid                               | 7783-00-8  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.88E+06                       | 6.97E+05                                | 6.97E+05               |
| Selenite                                     | 14124-67-5 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Selenium                                     | 7782-49-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 5.00E-03        | I       | 2.00E-02                 | C       | 1.00E+00               | 1.00E-03               | 7.90E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.88E+06                       | 6.97E+05                                | 6.97E+05               |
| Selenium Sulfide                             | 7446-34-6  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 5.00E-03        | C       | 2.00E-02                 | C       | 1.00E+00               | 1.00E-03               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 1.88E+06                       | 6.97E+05                                | 6.97E+05               |
| Selenourea                                   | 630-10-4   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 5.71E-06               | 1.23E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sethoxydim                                   | 74051-80-2 | No       | No        | Organics      | Organics      | -                                         |                      | 1.40E-01        | O       | -                        |         | 1.00E+00               | 1.85E-02               | 3.27E+02 | 9.00E-01      | Yes     | -                        | -                              | 5.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.10E+07                          | 4.28E+05                       | 4.22E+05                                | 4.22E+05               |
| Silica (crystalline, respirable)             | 7631-86-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | 3.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 6.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Silicon                                      | 7440-21-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -</                            |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded

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Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                            | CAS Number  | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------------------------------------|-------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|-------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Total Petroleum Hydrocarbons (Aliphatic Low)                        | NA          | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | P       | 4.00E+01                 | P       | 1.00E+00    | 2.60E-01               | 8.95E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 4.54E+03                       | 4.52E+03                                | 4.52E+03               |
| Total Petroleum Hydrocarbons (Aliphatic Medium)                     | NA          | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-02        | X       | 1.00E-01                 | P       | 1.00E+00    | 1.70E+00               | 1.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | -                              | 2.21E+06                                | 2.21E+06               |
| Total Petroleum Hydrocarbons (Aromatic High)                        | NA          | Yes      | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | P       | 2.00E-06                 | P       | 1.00E+00    | 7.13E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 6.64E+04               |
| Total Petroleum Hydrocarbons (Aromatic Low)                         | NA          | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | 1.00E+00                 | -       | 1.00E+00    | 1.49E-02               | 7.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Total Petroleum Hydrocarbons (Aromatic Medium)                      | NA          | No       | Yes       | Organics      | Organics      | -                                         |                      | 1.00E-02        | P       | 6.00E-02                 | P       | 1.00E+00    | 7.92E-02               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 2.45E+04                       | 2.42E+04                                | 2.42E+04               |
| Toxaphene                                                           | 8001-35-2   | No       | No        | Organics      | Organics      | 1.10E+00                                  | I                    | 9.00E-05        | P       | -                        | -       | 1.00E+00    | 5.18E-02               | 4.48E+02 | 8.00E-01      | No      | -                        | -                              | -                              | 7.04E+02                     | -                         | 7.04E+02                        | -                                 | -                              | -                                       | 1.99E+04                          | -                              | 1.99E+04                                | 7.04E+02               |
| Toxaphene, Weathered                                                | NA          | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-05        | X       | -                        | -       | 1.00E+00    | 5.18E-02               | 4.48E+02 | 8.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+03                          | -                              | 6.64E+03                                | 6.64E+03               |
| Tralometrin                                                         | 66841-25-6  | No       | No        | Organics      | Organics      | -                                         |                      | 7.50E-03        | I       | -                        | -       | 1.00E+00    | 3.05E-02               | 6.65E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.66E+06                          | -                              | 1.66E+06                                | 1.66E+06               |
| Tri-n-butyltin                                                      | 688-73-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-04        | A       | -                        | -       | 1.00E+00    | 1.93E-02               | 2.91E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 1.11E+03                       | 1.09E+03                                | 1.09E+03               |
| Triacetin                                                           | 102-76-1    | No       | No        | Organics      | Organics      | -                                         |                      | 8.00E+01        | X       | -                        | -       | 1.00E+00    | 1.37E-04               | 2.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E+04                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+10                          | 6.01E+10                       | 1.37E+10                                | 1.37E+10               |
| Triadimefon                                                         | 43121-43-3  | No       | No        | Organics      | Organics      | -                                         |                      | 3.40E-02        | O       | -                        | -       | 1.00E+00    | 2.44E-03               | 2.94E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.52E+06                          | 8.82E+05                       | 7.89E+05                                | 7.89E+05               |
| Triallate                                                           | 2303-17-5   | No       | Yes       | Organics      | Organics      | 7.17E-02                                  | O                    | 2.50E-02        | O       | -                        | -       | 1.00E+00    | 3.49E-02               | 3.05E+02 | 9.00E-01      | Yes     | 1.84E-02                 | -                              | 9.42E+00                       | 1.08E+04                     | 9.17E+01                  | 9.09E+01                        | -                                 | -                              | 5.53E+06                                | 4.69E+04                          | 4.65E+04                       | 9.09E+01                                |                        |
| Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 1.00E-03               | 8.88E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Triasulfuron                                                        | 82097-50-5  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | I       | -                        | -       | 1.00E+00    | 4.69E-05               | 4.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 6.72E+06                       | 1.66E+06                                | 1.66E+06               |
| Triaziquone                                                         | 68-76-8     | No       | No        | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 1.01E-05               | 2.31E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribenuron-methyl                                                   | 101200-48-0 | No       | No        | Organics      | Organics      | -                                         |                      | 8.00E-03        | I       | -                        | -       | 1.00E+00    | 4.68E-04               | 3.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+06                          | 5.62E+05                       | 4.26E+05                                | 4.26E+05               |
| Tribromobenzene, 1,2,4-                                             | 615-54-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        | -       | 1.00E+00    | 3.37E-02               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.88E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 9.11E+03                       | 9.03E+03                                | 9.03E+03               |
| Tribromochloromethane                                               | 594-15-0    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 2.43E-03               | 2.87E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribromodiphenyl Ether                                              | 49690-94-0  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 6.59E-02               | 4.07E+02 | 7.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribromophenol, 2,4,6-                                              | 118-79-6    | No       | No        | Organics      | Organics      | -                                         |                      | 9.00E-03        | X       | -                        | -       | 1.00E+00    | 1.21E-02               | 3.31E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.39E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+06                          | 4.12E+04                       | 4.04E+04                                | 4.04E+04               |
| Tribufos                                                            | 78-48-8     | No       | No        | Organics      | Organics      | -                                         |                      | 2.00E-04        | O       | -                        | -       | 1.00E+00    | 1.65E-01               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.54E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+04                          | 7.46E+01                       | 7.44E+01                                | 7.44E+01               |
| Tributyl Phosphate                                                  | 126-73-8    | No       | No        | Organics      | Organics      | 9.00E-03                                  | P                    | 1.00E-02        | P       | -                        | -       | 1.00E+00    | 2.28E-02               | 2.66E+02 | 9.00E-01      | Yes     | 1.47E-01                 | -                              | 3.77E+00                       | 8.60E+04                     | 1.43E+03                  | 1.41E+03                        | -                                 | -                              | 2.21E+06                                | 3.68E+04                          | 3.62E+04                       | 1.41E+03                                |                        |
| Tributyltin Compounds                                               | NA          | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | P       | -                        | -       | 1.00E+00    | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | -                              | 6.64E+04                                | 6.64E+04               |
| Tributyltin Oxide                                                   | 56-35-9     | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-04        | I       | -                        | -       | 1.00E+00    | 2.52E-04               | 5.96E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 1.07E+04                       | 9.23E+03                                | 9.23E+03               |
| Tributyltin chloride                                                | 1461-22-9   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 3.40E-02               | 3.25E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin fluoride                                                | 1983-10-4   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 2.38E-02               | 3.09E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin linoleate                                               | 24124-25-2  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 1.22E+01               | 5.69E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin methacrylate                                            | 2155-70-6   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | 6.93E-03               | 3.75E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin naphthenate                                             | 85409-17-2  | No       | No        | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tricaine Methanesulfonate                                           | 886-86-2    | No       | No        | Organics      | Organics      | -                                         |                      | -               | -       | -                        | -       | 1.00E+00    |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                              | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | A       | -                        |         | 1.00E+00               | 1.59E-03               | 4.31E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.54E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+06                          | 3.65E+05                       | 3.37E+05                                | 3.37E+05               |
| Tris(1-chloro-2-propyl)phosphate      | 13674-84-5 | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-02        | X       | -                        |         | 1.00E+00               | 1.20E-03               | 3.28E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+06                          | 4.24E+05                       | 3.56E+05                                | 3.56E+05               |
| Tris(2,3-dibromopropyl)phosphate      | 126-72-7   | No       | Yes       | Organics      | Organics      | 2.30E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 1.35E-04               | 6.98E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 3.37E+02                     | -                         | 3.37E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.37E+02               |
| Tris(2-chloroethyl)phosphate          | 115-96-8   | No       | No        | Organics      | Organics      | 2.00E-02                                  | P                   | 7.00E-03        | P       | -                        |         | 1.00E+00               | 3.55E-04               | 2.85E+02 | 1.00E+00      | Yes     | 6.60E-02                 | -                              | 2.64E+00                       | 3.87E+04                     | 3.29E+04                  | 1.78E+04                        | -                                 | -                              | -                                       | 1.55E+06                          | 1.32E+06                       | 7.11E+05                                | 1.78E+04               |
| Tris(2-ethylhexyl)phosphate           | 78-42-2    | No       | No        | Organics      | Organics      | 3.20E-03                                  | P                   | 1.00E-01        | P       | -                        |         | 1.00E+00               | 1.16E+01               | 4.35E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.42E+05                     | -                         | 2.42E+05                        | -                                 | -                              | -                                       | 2.21E+07                          | -                              | 2.21E+07                                | 2.42E+05               |
| Trisbutoxyethyl Phosphate             | 78-51-3    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.82E-03               | 3.98E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trisodium phosphate                   | 7601-54-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 3.77E+08                       | 1.39E+08                                | 1.39E+08               |
| Trithion                              | 786-19-6   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 6.50E-02               | 3.43E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tungsten                              | 7440-33-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 8.00E-04        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.02E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+05                          | 3.02E+05                       | 1.12E+05                                | 1.12E+05               |
| Uranium                               | 7440-61-1  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 2.00E-04        | A       | 4.00E-05                 | A       | 1.00E+00               | 1.00E-03               | 2.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+04                          | 7.54E+04                       | 2.79E+04                                | 2.79E+04               |
| Urea                                  | 57-13-6    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.86E-05               | 6.01E+01 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Urethane                              | 51-79-6    | Yes      | No        | Organics      | Organics      | 1.00E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 3.94E-04               | 8.91E+01 | 1.00E+00      | Yes     | 6.60E-04                 | -                              | -                              | 3.87E+02                     | 1.01E+03                  | 2.80E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.80E+02               |
| Vanadium Pentoxide                    | 1314-62-1  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 9.00E-03        | I       | 7.00E-06                 | P       | 2.60E-02               | 1.00E-03               | 1.82E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.82E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.99E+06                          | 8.82E+04                       | 8.45E+04                                | 8.45E+04               |
| Vanadium Sulfate                      | 36907-42-3 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 2.60E-02               | 1.00E-03               | 2.73E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vanadium and Compounds                | 7440-62-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 5.04E-03        | G       | 1.00E-04                 | A       | 2.60E-02               | 1.00E-03               | 5.09E+01 | 1.00E+00      | Yes     | -                        | -                              | 4.94E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+06                          | 4.94E+04                       | 4.73E+04                                | 4.73E+04               |
| Vanadyl Sulfate                       | 27774-13-6 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vernolate                             | 1929-77-7  | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 4.03E-02               | 2.03E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.77E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+05                          | 2.81E+03                       | 2.78E+03                                | 2.78E+03               |
| Vinclozolin                           | 50471-44-8 | No       | No        | Organics      | Organics      | -                                         |                     | 1.20E-03        | O       | -                        |         | 1.00E+00               | 4.46E-03               | 2.86E+02 | 9.00E-01      | Yes     | -                        | -                              | 4.52E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.65E+05                          | 1.99E+04                       | 1.85E+04                                | 1.85E+04               |
| Vinyl Acetate                         | 108-05-4   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E+00        | H       | 2.00E-01                 | I       | 1.00E+00               | 1.57E-03               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.77E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.21E+08                          | 1.47E+08                       | 8.82E+07                                | 8.82E+07               |
| Vinyl Bromide                         | 593-60-2   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 3.00E-03                 | I       | 1.00E+00               | 4.35E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vinyl Chloride                        | 75-01-4    | Yes      | Yes       | Organics      | Organics      | 7.20E-01                                  | I                   | 3.00E-03        | I       | 1.00E-01                 | I       | 1.00E+00               | 8.38E-03               | 6.25E+01 | 1.00E+00      | Yes     | 1.83E-03                 | -                              | 1.13E+00                       | 1.08E+03                     | 1.50E+02                  | 1.32E+02                        | -                                 | -                              | -                                       | 6.64E+05                          | 9.25E+04                       | 8.12E+04                                | 1.32E+02               |
| Warfarin                              | 81-81-2    | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-04        | I       | -                        |         | 1.00E+00               | 1.82E-03               | 3.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 9.49E+03                       | 8.31E+03                                | 8.31E+03               |
| Xylene, m-                            | 108-38-3   | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 5.32E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 7.78E+05                       | 7.64E+05                                | 7.64E+05               |
| Xylene, o-                            | 95-47-6    | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 4.71E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 8.79E+05                       | 8.62E+05                                | 8.62E+05               |
| Xylene, p-                            | 106-42-3   | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 4.93E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 8.40E+05                       | 8.24E+05                                | 8.24E+05               |
| Xylenes                               | 1330-20-7  | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-01        | I       | 1.00E-01                 | I       | 1.00E+00               | 5.00E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.54E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.42E+07                          | 8.28E+05                       | 8.13E+05                                | 8.13E+05               |
| Ytterbium                             | 7440-64-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.73E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Yttrium                               | 7440-65-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.89E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Zinc Cyanide                          | 557-21-1   | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 1.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 3.14E+07                       | 8.18E+06                                | 8.18E+06               |
| Zinc Phosphide                        | 1314-84-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 3.00E-04        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 2.58E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.13E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+04                          | 1.88E+05                       | 4.91E+04                                | 4.91E+04               |
| Zinc and Compounds                    | 7440-66-6  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 3.00E-01        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 6.54E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.13E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.64E+07                          | 1.88E+08                       | 4.91E+07                                | 4.91E+07               |
| Zineb                                 | 12122-67-7 | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 3.25E-04               | 2.76E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.88E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.11E+07                          | 1.09E+07                       | 5.50E+06                                | 5.50E+06               |
| Zirconium                             | 7440-67-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 8.00E-05        | X       | -                        |         | 1.00E+00               | 1.00E-03               | 9.12E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.02E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.77E+04                          | 3.02E+04                       | 1.12E+04                                | 1.12E+04               |

Attachment B1. Surface Water Input Parameter Values for Youth Wading  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Variable                                                                                 | Recreator<br>Surface Water<br>Default Value | Site-Specific<br>Value |
|------------------------------------------------------------------------------------------|---------------------------------------------|------------------------|
| BW <sub>0-2</sub> (body weight) kg                                                       | 15                                          | 0                      |
| BW <sub>2-6</sub> (body weight) kg                                                       | 15                                          | 0                      |
| BW <sub>6-16</sub> (body weight) kg                                                      | 80                                          | 44                     |
| BW <sub>16-30</sub> (body weight) kg                                                     | 80                                          | 0                      |
| BW <sub>a</sub> (body weight - adult) kg                                                 | 80                                          | 44                     |
| BW <sub>rec-a</sub> (body weight - adult) kg                                             | 80                                          | 44                     |
| DFW <sub>rec-adj</sub> (age-adjusted dermal factor) cm <sup>2</sup> -event/kg            | 0                                           | 11386.364              |
| DFWM <sub>rec-adj</sub> (mutagenic age-adjusted dermal factor) cm <sup>2</sup> -event/kg | 0                                           | 34159.091              |
| ED <sub>rec</sub> (exposure duration - recreator) years                                  | 26                                          | 10                     |
| ED <sub>0-2</sub> (exposure duration) years                                              | 2                                           | 0                      |
| ED <sub>2-6</sub> (exposure duration) years                                              | 4                                           | 0                      |
| ED <sub>6-16</sub> (exposure duration) years                                             | 10                                          | 10                     |
| ED <sub>16-30</sub> (exposure duration) years                                            | 10                                          | 0                      |
| ED <sub>rec-a</sub> (exposure duration - adult) years                                    | 20                                          | 10                     |
| EF <sub>rec-w</sub> (exposure frequency) days/year                                       | 0                                           | 12                     |
| EF <sub>2-6</sub> (exposure frequency) days/year                                         | 0                                           | 0                      |
| EF <sub>6-16</sub> (exposure frequency) days/year                                        | 0                                           | 12                     |
| EF <sub>16-30</sub> (exposure frequency) days/year                                       | 0                                           | 0                      |
| EF <sub>rec-a</sub> (adult exposure frequency) days/year                                 | 0                                           | 12                     |
| ET <sub>0-2</sub> (exposure time) hours/event                                            | 0                                           | 0                      |
| ET <sub>2-6</sub> (exposure time) hours/event                                            | 0                                           | 0                      |
| ET <sub>6-16</sub> (exposure time) hours/event                                           | 0                                           | 1                      |
| ET <sub>16-30</sub> (exposure time) hours/event                                          | 0                                           | 0                      |
| ET <sub>rec-a</sub> (adult exposure time) hours/event                                    | 0                                           | 1                      |
| EV <sub>0-2</sub> (events) events/day                                                    | 0                                           | 0                      |
| EV <sub>2-6</sub> (events) events/day                                                    | 0                                           | 0                      |
| EV <sub>6-16</sub> (events) events/day                                                   | 0                                           | 1                      |
| EV <sub>16-30</sub> (events) events/day                                                  | 0                                           | 0                      |
| EV <sub>rec-a</sub> (adult) events/day                                                   | 0                                           | 1                      |
| THQ (target hazard quotient) unitless                                                    | 0.1                                         | 1                      |
| IFW <sub>rec-adj</sub> (age-adjusted water intake rate) L/kg                             | 0                                           | 0.03                   |
| IFWM <sub>rec-adj</sub> (mutagenic age-adjusted water intake rate) L/kg                  | 0                                           | 0.09                   |
| IRW <sub>0-2</sub> (water intake rate) L/hour                                            | 0.12                                        | 0                      |
| IRW <sub>2-6</sub> (water intake rate) L/hour                                            | 0.12                                        | 0                      |
| IRW <sub>6-16</sub> (water intake rate) L/hour                                           | 0.124                                       | 0.011                  |
| IRW <sub>16-30</sub> (water intake rate) L/hour                                          | 0.0985                                      | 0                      |
| IRW <sub>rec</sub> (water intake rate - adult) L/day                                     | 0.11                                        | 0.011                  |
| IRW <sub>rec-a</sub> (water intake rate - adult) L/hr                                    | 0.11                                        | 0.011                  |
| LT (lifetime - recreator) years                                                          | 70                                          | 70                     |
| SA <sub>0-2</sub> (skin surface area) cm <sup>2</sup>                                    | 6365                                        | 0                      |
| SA <sub>2-6</sub> (skin surface area) cm <sup>2</sup>                                    | 6365                                        | 0                      |
| SA <sub>6-16</sub> (skin surface area) cm <sup>2</sup>                                   | 19652                                       | 4175                   |
| SA <sub>16-30</sub> (skin surface area) cm <sup>2</sup>                                  | 19652                                       | 0                      |
| SA <sub>rec</sub> (skin surface area - adult) cm <sup>2</sup>                            | 19652                                       | 4175                   |
| SA <sub>rec-a</sub> (skin surface area - adult) cm <sup>2</sup>                          | 19652                                       | 4175                   |
| Apparent thickness of stratum corneum (cm)                                               | 0.001                                       | 0.001                  |
| TR (target risk) unitless                                                                | 0.000001                                    | 0.000001               |

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Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                   | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL THQ=1 (ug/L) | Screening Level (ug/L) |
|--------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|------------------------|
| Acenaphthene                               | 83-32-9    | No       | Yes       | Organics      | Organics      | -                                         |                     | 6.00E-02        | I       | -                        |         | 1.00E+00               | 8.60E-02               | 1.54E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 7.30E+06                          | 9.23E+04                       | 9.12E+04                        | 9.12E+04               |
| Acenaphthylene                             | 208-96-8   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 9.11E-02               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acephate                                   | 30560-19-1 | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-04        | O       | -                        |         | 1.00E+00               | 4.00E-05               | 1.83E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | 3.65E+04                        | 8.23E+05                          | 3.50E+04                       | 3.50E+04                        |                        |
| Acetaldehyde                               | 75-07-0    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 9.00E-03                 | I       | 1.00E+00               | 5.27E-04               | 4.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acetochlor                                 | 34256-82-1 | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | I       | -                        |         | 1.00E+00               | 4.95E-03               | 2.70E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+06                          | 2.82E+05                       | 2.53E+05                        | 2.53E+05               |
| Acetone                                    | 67-64-1    | No       | Yes       | Organics      | Organics      | -                                         |                     | 9.00E-01        | I       | -                        |         | 1.00E+00               | 5.12E-04               | 5.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+02                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.10E+08                          | 3.90E+08                       | 8.55E+07                        | 8.55E+07               |
| Acetone Cyanohydrin                        | 75-86-5    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | 2.00E-03                 | X       | 1.00E+00               | 4.95E-04               | 8.51E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acetonitrile                               | 75-05-8    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 6.00E-02                 | I       | 1.00E+00               | 5.48E-04               | 4.11E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acetophenone                               | 98-86-2    | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.72E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+07                          | 4.43E+06                       | 3.25E+06                        | 3.25E+06               |
| Acetylaminofluorene, 2-                    | 53-96-3    | No       | No        | Organics      | Organics      | 3.80E+00                                  | C                   | -               |         | -                        |         | 1.00E+00               | 1.04E-02               | 2.23E+02 | 1.00E+00      | Yes     | 5.91E-04                 | -                              | -                              | 2.24E+02                     | 1.50E+01                  | 1.41E+01                        | -                                 | -                              | -                               | -                                 | -                              | -                               |                        |
| Acifluorfen                                | 50594-66-6 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.21E-03               | 3.62E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acridine                                   | 260-94-6   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.81E-02               | 1.79E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Acrolein                                   | 107-02-8   | No       | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-04        | I       | 2.00E-05                 | I       | 1.00E+00               | 7.48E-04               | 5.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 6.08E+04                          | 1.50E+05                       | 4.32E+04                        | 4.32E+04               |
| Acrylamide                                 | 79-06-1    | Yes      | No        | Organics      | Organics      | 5.00E-01                                  | I                   | 2.00E-03        | I       | 6.00E-03                 | I       | 1.00E+00               | 2.24E-04               | 7.11E+01 | 1.00E+00      | Yes     | 1.50E-03                 | -                              | 6.41E-01                       | 5.68E+02                     | 4.38E+03                  | 5.03E+02                        | -                                 | -                              | -                               | 2.43E+05                          | 1.88E+06                       | 2.15E+05                        | 5.03E+02               |
| Acrylic Acid                               | 79-10-7    | No       | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-01        | I       | 2.00E-04                 | P       | 1.00E+00               | 1.05E-03               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                               | 6.08E+07                          | 9.97E+07                       | 3.78E+07                        | 3.78E+07               |
| Acrylonitrile                              | 107-13-1   | No       | Yes       | Organics      | Organics      | 5.40E-01                                  | I                   | 1.00E-02        | A       | 2.00E-03                 | I       | 1.00E+00               | 1.16E-03               | 5.31E+01 | 1.00E+00      | Yes     | 4.16E-03                 | -                              | 3.21E+00                       | 1.58E+03                     | 2.53E+03                  | 9.72E+02                        | -                                 | -                              | -                               | 1.22E+06                          | 1.95E+06                       | 7.50E+05                        | 9.72E+02               |
| Adiponitrile                               | 111-69-3   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | 6.00E-03                 | P       | 1.00E+00               | 2.37E-04               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Alachlor                                   | 15972-60-8 | No       | No        | Organics      | Organics      | 5.60E-02                                  | C                   | 1.00E-02        | I       | -                        |         | 1.00E+00               | 1.05E-02               | 2.70E+02 | 9.00E-01      | Yes     | 4.01E-02                 | -                              | 3.21E+00                       | 1.52E+04                     | 8.31E+02                  | 7.88E+02                        | -                                 | -                              | -                               | 1.22E+06                          | 6.65E+04                       | 6.30E+04                        | 7.88E+02               |
| Aldicarb                                   | 116-06-3   | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 7.55E-04               | 1.90E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+05                          | 1.39E+05                       | 6.49E+04                        | 6.49E+04               |
| Aldicarb Sulfone                           | 1646-88-4  | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 3.71E-05               | 2.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+05                          | 2.30E+06                       | 1.16E+05                        | 1.16E+05               |
| Aldicarb sulfoxide                         | 1646-87-3  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 3.29E-05               | 2.06E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Aldrin                                     | 309-00-2   | No       | Yes       | Organics      | Organics      | 1.70E+01                                  | I                   | 3.00E-05        | I       | -                        |         | 1.00E+00               | 2.93E-01               | 3.65E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 5.01E+01                     | -                         | 5.01E+01                        | -                                 | -                              | -                               | 3.65E+03                          | -                              | 3.65E+03                        | 5.01E+01               |
| Alizarin Red Compounds                     | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Allyl Alcohol                              | 107-18-6   | No       | Yes       | Organics      | Organics      | -                                         |                     | 4.00E-03        | P       | 1.00E-04                 | X       | 1.00E+00               | 9.59E-04               | 5.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 4.87E+05                          | 9.26E+05                       | 3.19E+05                        | 3.19E+05               |
| Allyl Chloride                             | 107-05-1   | No       | Yes       | Organics      | Organics      | 2.10E-02                                  | C                   | -               |         | 1.00E-03                 | I       | 1.00E+00               | 1.12E-02               | 7.65E+01 | 1.00E+00      | Yes     | 1.07E-01                 | -                              | -                              | 4.06E+04                     | 6.16E+03                  | 5.35E+03                        | -                                 | -                              | -                               | -                                 | -                              | -                               | 5.35E+03               |
| Aluminum                                   | 7429-90-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | 5.00E-03                 | P       | 1.00E+00               | 1.00E-03               | 2.70E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+08                          | 3.21E+08                       | 8.82E+07                        | 8.82E+07               |
| Aluminum Phosphide                         | 20859-73-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 4.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 5.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 4.87E+04                          | 1.28E+05                       | 3.53E+04                        | 3.53E+04               |
| Aluminum metaphosphate                     | 13776-88-0 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Ametryn                                    | 834-12-8   | No       | No        | Organics      | Organics      | -                                         |                     | 9.00E-03        | I       | -                        |         | 1.00E+00               | 7.94E-03               | 2.27E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.10E+06                          | 9.36E+04                       | 8.62E+04                        | 8.62E+04               |
| Amino-4-chlorobenzotrifluoride, 3-         | 121-50-6   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.35E-02               | 1.96E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Aminozobenzene, p-                         | 60-09-3    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 6.77E-03               | 1.97E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Aminobiphenyl, 4-                          | 92-67-1    | No       | No        | Organics      | Organics      | 2.10E+01                                  | C                   | -               |         | -                        |         | 1.00E+00               | 1.40E-02               | 1.69E+02 | 1.00E+00      | Yes     | 1.07E-04                 | -                              | -                              | 4.06E+01                     | 2.88E+00                  | 2.67E+00                        | -                                 | -                              | -                               | -                                 | -                              | -                               | 2.67E+00               |
| Aminophenol, m-                            | 591-27-5   | No       | No        | Organics      | Organics      | -                                         |                     | 8.00E-02        | P       | -                        |         | 1.00E+00               | 5.27E-04               | 1.09E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 9.73E+06                          | 2.69E+07                       | 7.14E+06                        | 7.14E+06               |
| Aminophenol, o-                            | 95-55-6    | No       | No        | Organics      | Organics      | -                                         |                     | 4.00E-03        | X       | -                        |         | 1.00E+00               | 9.88E-04               | 1.09E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 4.87E+05                          | 7.16E+05                       | 2.90E+05                        | 2.90E+05               |
| Aminophenol, p-                            | 123-30-8   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | P       | -                        |         | 1.00E+00               | 4.07E-04               | 1.09E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+06                          | 8.70E+06                       | 1.90E+06                        | 1.90E+06               |
| Aminopyridine, 4-                          | 504-24-5   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 7.58E-04               | 9.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Amitraz                                    | 33089-61-1 | No       | No        | Organics      | Organics      | -                                         |                     | 2.50E-03        | I       | -                        |         | 1.00E+00               | 1.60E-01               | 2.93E+02 | 9.00E-01      | Yes     | -                        | -                              | 8.01E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 3.04E+05                          | 9.36E+02                       | 9.34E+02                        | 9.34E+02               |
| Ammonium Perchlorate                       | 7790-98-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 1.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 8.52E+04                          | 2.24E+05                       | 6.17E+04                        | 6.17E+04               |
| Ammonium Picrate                           | 131-74-8   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-03        | X       | -                        |         | 1.00E+00               | 6.21E-04               | 2.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+05                          | 2.63E+05                       | 1.26E+05                        | 1.26E+05               |
| Ammonium Sulfamate                         | 7773-06-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 2.00E-01        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 1.14E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+07                          | 6.41E+07                       | 1.76E+07                        | 1.76E+07               |
| Ammonium perfluoro-2-methyl-3-oxahexanoate | 62037-80-3 | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-06        | D       | -                        |         | 1.00E+00               | -                      | 3.47E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | 3.65E+02               |
| Ammonium perfluorobutanoate                | 10495-86-0 | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | -                      | 2.31E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+05                          | -                              | 1.22E+05                        | 1.22E+05               |
| Ammonium perfluorohexanoate                | 21615-47-4 | No       | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-04        | I       | -                        |         | 1.00E+00               | 9.45E-03               | 3.31E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 6.08E+04                          | 2.49E+03                       | 2.39E+03                        | 2.39E+03               |
| Ammonium polyphosphate                     | 68333-79-9 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Amyl Alcohol, tert-                        | 75-85-4    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 3.00E-03                 | X       | 1.00E+00               | 1.96E-03               | 8.82E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Aniline                                    | 62-53-3    | No       | No        | Organics      | Organics      | 5.70E-03                                  | I                   | 7.00E-03        | P       | 1.00E-03                 | I       | 1.00E+00               | 1.86E-03               | 9.31E+01 | 1.00E+00      | Yes     | 3.94E-01                 | -                              | 2.24E+00                       | 1.49E+05                     | 1.25E+05                  | 6.80E+04                        | -                                 | -                              | 8.52E+05                        | 7.11E+05                          | 3.87E+05                       | 6.80E+04                        |                        |
| Anilinobenzothiazole                       | 1843-21-6  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      |
| Anthracene                                 | 120-12-7   | No       | Yes       | Organics      | Organics      | -                                         |                     | 3.00E-01        | I       | -                        |         | 1.00E+00               | 1.42E-01               | 1.78E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 3.65E+07                          | 2.39E+05                       | 2.38E+05                        | 2.38E+05               |
| Anthraquinone, 9,10-                       | 84-65-1    | No       | No        | Organics      | Organics      | 4.00E-02                                  | P                   | 2.00E-03        | X       | -                        |         | 1.00E+00               | 1.90E-02               | 2.08E+02 | 9.00E-01      | Yes     | 5.61E-02                 | -                              | 6.41E-01                       | 2.13E+04                     | 9.56E+02                  | 9.15E+02                        | -                                 | -                              | 2.43E+05                        | 1.09E+04                          | 1.05E+04                       | 9.15E+02                        |                        |
| Antimony (metallic)                        |            |          |           |               |               |                                           |                     |                 |         |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                 |                                   |                                |                                 |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|----------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Barium Cyanide                         | 542-62-1   | No       | No        | Inorganics    | Inorganics    | -                                        |                     |                 |         | -                        |         | 7.00E-02               | 1.00E-03               | 1.89E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benfluralin                            | 1861-40-1  | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-03        | O       | -                        |         | 1.00E+00               | 6.75E-02               | 3.35E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 3.81E+03                       | 3.79E+03                                | 3.79E+03               |
| Benomyl                                | 17804-35-2 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 9.43E-04               | 2.90E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 2.92E+06                       | 1.97E+06                                | 1.97E+06               |
| Bensulfuron-methyl                     | 83055-99-6 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-01        | I       | -                        |         | 1.00E+00               | 2.19E-04               | 4.10E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 2.32E+07                       | 1.19E+07                                | 1.19E+07               |
| Bentazon                               | 25057-89-0 | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.52E-03               | 2.40E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 9.04E+05                       | 7.25E+05                                | 7.25E+05               |
| Benz[a]anthracene                      | 56-55-3    | Yes      | Yes       | Organics      | Organics      | 1.00E-01                                 | E                   | -               |         | -                        |         | 1.00E+00               | 5.52E-01               | 2.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 2.84E+03                     | -                         | 2.84E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.84E+03               |
| Benzaldehyde                           | 100-52-7   | No       | Yes       | Organics      | Organics      | 4.00E-03                                 | P                   | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.83E-03               | 1.06E+02 | 1.00E+00      | Yes     | 5.61E-01                 | -                              | 3.21E-01                       | 2.13E+05                     | 8.03E+04                  | 5.83E+04                        | -                                 | -                              | 1.22E+07                                | 4.59E+06                          | 3.33E+06                       | 5.83E+04                                |                        |
| Benzene                                | 71-43-2    | No       | Yes       | Organics      | Organics      | 5.50E-02                                 | I                   | 4.00E-03        | I       | 3.00E-02                 | I       | 1.00E+00               | 1.49E-02               | 7.81E+01 | 1.00E+00      | Yes     | 4.08E-02                 | -                              | 1.28E+00                       | 1.55E+04                     | 1.76E+03                  | 1.58E+03                        | -                                 | -                              | 4.87E+05                                | 5.53E+04                          | 4.96E+04                       | 1.58E+03                                |                        |
| Benzene, Ethyldimethyl                 | 29224-55-3 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.12E-01               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzene, Ethylmethyl                   | 25550-14-5 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 8.57E-02               | 3.61E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzene, Methylpropenyl                | 768-00-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.03E-01               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzene, Methylpropyl                  | 28729-54-6 | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzene, Trimethyl                     | 25551-13-7 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.21E-02               | 3.61E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzenediamine-2-methyl sulfate, 1,4-  | 6369-59-1  | No       | No        | Organics      | Organics      | 1.00E-01                                 | X                   | 3.00E-04        | X       | -                        |         | 1.00E+00               | 3.04E-07               | 2.20E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 8.52E+03                     | -                         | 8.52E+03                        | -                                 | -                              | -                                       | 3.65E+04                          | -                              | 3.65E+04                                | 8.52E+03               |
| Benzenethiol                           | 108-98-5   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | P       | -                        |         | 1.00E+00               | 1.78E-02               | 1.10E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | 3.21E-01                     | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 9.87E+03                       | 9.13E+03                                | 9.13E+03               |
| Benzidine                              | 92-87-5    | Yes      | No        | Organics      | Organics      | 2.30E+02                                 | I                   | 3.00E-03        | I       | -                        |         | 1.00E+00               | 1.13E-03               | 1.84E+02 | 1.00E+00      | Yes     | 3.25E-06                 | -                              | 9.62E-01                       | 1.23E+00                     | 9.79E-01                  | 5.46E-01                        | -                                 | -                              | 3.65E+05                                | 2.89E+05                          | 1.61E+05                       | 5.46E-01                                |                        |
| Benzo(e)pyrene                         | 192-97-2   | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-05        | X       | 2.00E-06                 | X       | 1.00E+00               | 1.15E+00               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+04                          | -                              | 1.10E+04                                | 1.10E+04               |
| Benzo(j)fluoranthene                   | 205-82-3   | No       | No        | Organics      | Organics      | 1.20E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 6.90E-01               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 7.10E+02                     | -                         | 7.10E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 7.10E+02               |
| Benzo[a]pyrene                         | 50-32-8    | Yes      | No        | Organics      | Organics      | 1.00E+00                                 | I                   | 3.00E-04        | I       | 2.00E-06                 | I       | 1.00E+00               | 7.13E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 2.84E+02                     | -                         | 2.84E+02                        | -                                 | -                              | 3.65E+04                                | -                                 | 3.65E+04                       | 2.84E+02                                |                        |
| Benzo[b]fluoranthene                   | 205-99-2   | Yes      | No        | Organics      | Organics      | 1.00E-01                                 | E                   | -               |         | -                        |         | 1.00E+00               | 4.17E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 2.84E+03                     | -                         | 2.84E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.84E+03               |
| Benzo[ghi]perylene                     | 191-24-2   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.12E+00               | 2.76E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzo[k]fluoranthene                   | 207-08-9   | Yes      | No        | Organics      | Organics      | 1.00E-02                                 | E                   | -               |         | -                        |         | 1.00E+00               | 6.91E-01               | 2.52E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 2.84E+04                     | -                         | 2.84E+04                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.84E+04               |
| Benzo[fluoranthenes, total             | 56832-73-6 | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzo[fluorene, 2,3-                   | 243-17-4   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.54E-01               | 2.16E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzoic Acid                           | 65-85-0    | No       | No        | Organics      | Organics      | -                                        |                     | 4.00E+00        | I       | -                        |         | 1.00E+00               | 5.65E-03               | 1.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+08                          | 1.15E+08                       | 9.32E+07                                | 9.32E+07               |
| Benzoic acid, 4-hydroxy-, methyl ester | 99-76-3    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 4.40E-03               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benothiazole                           | 95-16-9    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.92E-03               | 1.35E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Benzotrichloride                       | 98-07-7    | No       | Yes       | Organics      | Organics      | 1.30E+01                                 | I                   | -               |         | -                        |         | 1.00E+00               | 4.87E-02               | 1.95E+02 | 1.00E+00      | Yes     | 1.73E-04                 | -                              | -                              | 6.55E+01                     | 1.12E+00                  | 1.10E+00                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.10E+00               |
| Benzyl Alcohol                         | 100-51-6   | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-01        | P       | -                        |         | 1.00E+00               | 2.09E-03               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 8.52E+06                       | 5.01E+06                                | 5.01E+06               |
| Benzyl Chloride                        | 100-44-7   | No       | Yes       | Organics      | Organics      | 1.70E-01                                 | I                   | 2.00E-03        | P       | 1.00E-03                 | P       | 1.00E+00               | 1.03E-02               | 1.27E+02 | 1.00E+00      | Yes     | 1.32E-02                 | -                              | 6.41E-01                       | 5.01E+03                     | 6.32E+02                  | 5.61E+02                        | -                                 | -                              | 2.43E+05                                | 3.07E+04                          | 2.73E+04                       | 5.61E+02                                |                        |
| Beryllium and compounds                | 7440-41-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 2.00E-03        | I       | 2.00E-05                 | I       | 7.00E-03               | 1.00E-03               | 9.01E+00 | 1.00E+00      | Yes     | -                        | -                              | 4.49E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 4.49E+03                       | 4.41E+03                                | 4.41E+03               |
| Bifenox                                | 74256-02-3 | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-03        | P       | -                        |         | 1.00E+00               | 1.79E-02               | 3.42E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.89E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+06                          | 2.20E+04                       | 2.16E+04                                | 2.16E+04               |
| Biphenthrin                            | 82657-04-3 | No       | No        | Organics      | Organics      | -                                        |                     | 1.50E-02        | I       | -                        |         | 1.00E+00               | 1.74E+00               | 4.23E+02 | 0.00E+00      | Yes     | -                        | -                              | 4.81E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.83E+06                          | -                              | 1.83E+06                                | 1.83E+06               |
| Biphenyl, 1,1'-                        | 92-52-4    | No       | Yes       | Organics      | Organics      | 8.00E-03                                 | I                   | 5.00E-01        | I       | 4.00E-04                 | X       | 1.00E+00               | 9.43E-02               | 1.54E+02 | 1.00E+00      | Yes     | 2.80E-01                 | -                              | 1.60E+02                       | 1.06E+05                     | 1.23E+03                  | 1.21E+03                        | -                                 | -                              | 6.08E+07                                | 7.02E+05                          | 6.94E+05                       | 1.21E+03                                |                        |
| Bis(2-chloro-1-methylethyl) ether      | 108-60-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | 4.00E-02        | I       | -                        |         | 1.00E+00               | 7.64E-03               | 1.71E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 6.21E+05                       | 5.51E+05                                | 5.51E+05               |
| Bis(2-chloroethoxy)methane             | 111-91-1   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-03        | P       | -                        |         | 1.00E+00               | 1.22E-03               | 1.73E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+05                          | 2.88E+05                       | 1.61E+05                                | 1.61E+05               |
| Bis(2-chloroethyl)ether                | 111-44-4   | No       | Yes       | Organics      | Organics      | 1.10E+00                                 | I                   | -               |         | -                        |         | 1.00E+00               | 1.78E-03               | 1.43E+02 | 1.00E+00      | Yes     | 2.04E-03                 | -                              | -                              | 7.74E+02                     | 5.09E+02                  | 3.07E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.07E+02               |
| Bis(2-ethylhexyl)phthalate             | 117-81-7   | No       | No        | Organics      | Organics      | 1.40E-02                                 | I                   | 2.00E-02        | I       | -                        |         | 1.00E+00               | 1.13E+00               | 3.91E+02 | 8.00E-01      | No      | -                        | -                              | 6.08E+04                       | -                            | -                         | 6.08E+04                        | -                                 | -                              | 2.43E+06                                | -                                 | 2.43E+06                       | 6.08E+04                                |                        |
| Bis(Octanoyloxy)Di-N-Butyl Stannane    | 4731-77-5  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.47E-02               | 5.19E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Bis(chloromethyl)ether                 | 542-88-1   | No       | Yes       | Organics      | Organics      | 2.20E+02                                 | I                   | -               |         | -                        |         | 1.00E+00               | 8.55E-04               | 1.15E+02 | 1.00E+00      | Yes     | 1.02E-05                 | -                              | 3.87E+00                       | 6.34E+00                     | 2.40E+00                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.40E+00               |
| Bis(oleoyloxy)dibutyl tin              | 13323-62-1 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.68E+03               | 7.96E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Bisphenol A                            | 80-05-7    | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 1.32E-02               | 2.28E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 3.11E+05                       | 2.96E+05                                | 2.96E+05               |
| Boron And Borates Only                 | 7440-42-8  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 2.00E-01        | I       | 2.00E-02                 | H       | 1.00E+00               | 1.00E-03               | 1.38E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 6.41E+07                       | 1.76E+07                                | 1.76E+07               |
| Boron Trichloride                      | 10294-34-5 | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | 2.00E+00        | P       | 2.00E-02                 | P       | 1.00E+00               | 1.00E-03               | 1.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 6.41E+08                       | 1.76E+08                                | 1.76E+08               |
| Boron Trifluoride                      | 7637-07-2  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | 4.00E-02        | C       | 1.30E-02                 | C       | 1.00E+00               | 1.00E-03               | 6.78E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 1.28E+07                       | 3.53E+06                                | 3.53E+06               |
| Bromacil                               | 314-40-9   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.35E-03               | 2.61E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Bromate                                | 15541-45-4 | No       | No        | Inorganics    | Inorganics    | 7.00E-01                                 | I                   | 4.00E-03        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 7.99E+01 | 1.00E+00      | Yes     | 3.21E-03                 | -                              | 1.28E+00                       | 1.22E+03                     | 3.21E+03                  | 8.82E+02                        | -                                 | -                              | 4.87E+05                                | 1.28E+06                          | 3.53E+05                       | 8.82E+02                                |                        |
| Bromine                                | 7726-95-6  | No       | Yes       | Organics      | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.60E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Bromo-2-chloroethane, 1-               | 107-04-0   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-04        | X       | 6.00E-05                 | X       | 1.00E+00               | 4.64E-03               | 1.43E+02 | 1.00E+00      | Yes     | -                        | -</                            |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                               | CAS Number | Mutagen?   | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref  | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSE GIABS (unitless) | K <sub>p</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|----------------------------------------|------------|------------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|----------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Butyl Formate, tert-Butyl acrylate, n- | 762-75-4   | No         | Yes       | Organics      | Organics      | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 2.58E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
|                                        | 141-32-2   | No         | Yes       | Organics      | Organics      | -                                         |                     | -               |          | -                        |         | 1.11E-02               | 1.28E+02               | 1.00E+00 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Butyl alcohol, sec-Butylacetate        | 78-92-2    | No         | Yes       | Organics      | Organics      | -                                         |                     | 2.00E+00        | P        | 3.00E+01                 | P       | 1.00E+00               | 1.53E-03               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 2.71E+08                       | 1.28E+08                                | 1.28E+08               |
|                                        | 123-86-4   | No         | Yes       | Organics      | Organics      | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 5.32E-03               | 1.16E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
|                                        | 2008-41-5  | No         | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-02        | I        | -                        |         | 1.00E+00               | 5.41E-02               | 2.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 8.14E+04                       | 8.03E+04                                | 8.03E+04               |
|                                        | Butylate   |            |           |               |               |                                           |                     |                 |          |                          |         |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |
| Butylated hydroxyanisole               | 25013-16-5 | No         | No        | Organics      | Organics      | 2.00E-04                                  | C                   | -               |          | -                        |         | 1.00E+00               | 3.25E-02               | 3.61E+02 | 8.00E-01      | Yes     | 1.12E+01                 | -                              | -                              | 4.26E+06                     | 4.71E+04                  | 4.66E+04                        | -                                 | -                              | -                                       | -                                 | -                              | 4.66E+04                                |                        |
| Butylated hydroxytoluene               | 128-37-0   | No         | No        | Organics      | Organics      | 3.60E-03                                  | P                   | 3.00E-01        | P        | -                        |         | 1.00E+00               | 2.23E-01               | 2.20E+02 | 1.00E+00      | Yes     | 6.23E-01                 | -                              | 9.62E+01                       | 2.37E+05                     | 7.53E+02                  | 7.51E+02                        | -                                 | -                              | -                                       | 3.65E+07                          | 1.16E+05                       | 1.16E+05                                | 7.51E+02               |
| Butylbenzene, n-                       | 104-51-8   | No         | Yes       | Organics      | Organics      | -                                         |                     | 5.00E-02        | P        | -                        |         | 1.00E+00               | 2.25E-01               | 1.34E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | -                              | 6.08E+06                                | 6.08E+06               |
| Butylbenzene, sec-                     | 135-98-8   | No         | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-01        | X        | -                        |         | 1.00E+00               | 3.01E-01               | 1.34E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | -                              | 1.22E+07                                | 1.22E+07               |
| Butylbenzene, tert-Butylchloride, t-   | 98-06-6    | No         | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-01        | X        | -                        |         | 1.00E+00               | 1.49E-01               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 1.01E+05                       | 1.00E+05                                | 1.00E+05               |
|                                        | 507-20-0   | No         | Yes       | Organics      | Organics      | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 2.01E-02               | 9.26E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Butylphthalyl Butylglycolate           | 85-70-1    | No         | No        | Organics      | Organics      | -                                         |                     | 1.00E+00        | I        | -                        |         | 1.00E+00               | 1.16E-02               | 3.36E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.92E+06                       | 3.79E+06                                | 3.79E+06               |
|                                        | Butylin    | 78763-54-9 | No        | Yes           | Organics      | Organics                                  | -                   |                 | 1.00E+00 |                          | -       | 1.00E+00               | 2.52E-02               | 1.77E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Cacodylic Acid                         | 75-60-5    | No         | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | A        | -                        |         | 1.00E+00               | 4.60E-04               | 1.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 6.39E+06                       | 1.76E+06                                | 1.76E+06               |
| Cadmium (Water)                        | 7440-43-9  | No         | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E-04        | A        | 1.00E-05                 | A       | 5.00E-02               | 1.00E-03               | 1.12E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 1.60E+03                       | 1.42E+03                                | 1.42E+03               |
| Calcium                                | 7440-70-2  | No         | No        | Inorganics    | Inorganics    | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 1.00E-03               | 4.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Calcium Cyanide                        | 592-01-8   | No         | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E-03        | I        | 9.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 9.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 3.21E+05                       | 8.82E+04                                | 8.82E+04               |
| Calcium hydroxide phosphate            | 12167-74-7 | No         | No        | Inorganics    | Inorganics    | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 1.00E-03               | 5.02E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Calcium pyrophosphate                  | 7790-76-3  | No         | No        | Inorganics    | Inorganics    | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 1.00E-03               | 2.54E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Caprolactam                            | 105-60-2   | No         | No        | Organics      | Organics      | -                                         |                     | 5.00E-01        | I        | 2.20E-03                 | C       | 1.00E+00               | 1.00E-03               | 1.13E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+07                          | 8.62E+07                       | 3.57E+07                                | 3.57E+07               |
| Captafol                               | 2425-06-1  | No         | No        | Organics      | Organics      | 1.50E-01                                  | C                   | 2.00E-03        | I        | -                        |         | 1.00E+00               | 5.77E-03               | 3.49E+02 | 9.00E-01      | Yes     | 1.50E-02                 | -                              | 6.41E-01                       | 5.68E+03                     | 3.39E+02                  | 3.20E+02                        | -                                 | -                              | -                                       | 2.43E+05                          | 1.45E+04                       | 1.37E+04                                | 3.20E+02               |
| Captan                                 | 133-06-2   | No         | No        | Organics      | Organics      | 2.30E-03                                  | C                   | 1.30E-01        | I        | -                        |         | 1.00E+00               | 2.34E-03               | 3.01E+02 | 1.00E+00      | Yes     | 9.76E-01                 | -                              | 4.17E+01                       | 3.70E+05                     | 6.70E+04                  | 5.67E+04                        | -                                 | -                              | -                                       | 1.58E+07                          | 2.86E+06                       | 2.42E+06                                | 5.67E+04               |
| Carbaryl                               | 63-25-2    | No         | No        | Organics      | Organics      | -                                         |                     | 1.00E-01        | I        | -                        |         | 1.00E+00               | 4.31E-03               | 2.01E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 2.27E+06                       | 1.91E+06                                | 1.91E+06               |
| Carbazole                              | 86-74-8    | No         | No        | Organics      | Organics      | -                                         |                     | -               |          | -                        |         | 1.00E+00               | 5.36E-02               | 1.67E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Carbofuran                             | 1563-66-2  | No         | No        | Organics      | Organics      | -                                         |                     | 5.00E-03        | I        | -                        |         | 1.00E+00               | 3.13E-03               | 2.21E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.37E+05                       | 1.12E+05                                | 1.12E+05               |
| Carbon Disulfide                       | 75-15-0    | No         | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-01        | I        | 7.00E-01                 | I       | 1.00E+00               | 1.14E-02               | 7.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 1.82E+06                       | 1.58E+06                                | 1.58E+06               |
| Carbon Tetrachloride                   | 56-23-5    | No         | Yes       | Organics      | Organics      | 7.00E-02                                  | I                   | 4.00E-03        | I        | 1.00E-01                 | I       | 1.00E+00               | 1.63E-02               | 1.54E+02 | 1.00E+00      | Yes     | 3.21E-02                 | -                              | 1.28E+00                       | 1.22E+04                     | 8.14E+02                  | 7.63E+02                        | -                                 | -                              | -                                       | 4.87E+05                          | 3.26E+04                       | 3.05E+04                                | 7.63E+02               |
| Carbonyl Sulfide                       | 463-58-1   | No         | Yes       | Organics      | Organics      | -                                         |                     | -               |          | 1.00E-01                 | P       | 1.00E+00               | 9.42E-05               | 6.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |
| Carbosulfan                            | 55285-14-8 | No         | No        | Organics      | Organics      | -                                         |                     | 1.00E-02        | I        | -                        |         | 1.00E+00               | 5.79E-02               | 3.81E+02 | 8.00E-01      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 6.64E+03                       | 6.60E+03                                | 6.60E+03               |
| Carboxin                               | 5234-68-4  | No         | No        | Organics      | Organics      | -                                         |                     | 1.00E-01        | I        | -                        |         | 1.00E+00               | 1.9                    |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |          |
|---------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|----------|
| Chlorobenzoic Acid, 2-                                  | 118-91-2   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 4.77E-03               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.99E+05               |          |
| Chlorobenzoic Acid, p-                                  | 74-11-3    | No       | No        | Organics      | Organics      | -                                         |                      | 3.00E-02        | X       | -                        |         | 1.00E+00               | 1.20E-02               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 3.26E+05                       | 2.99E+05                                | 2.99E+05               |          |
| Chlorobenzotrifluoride, 3-nitro-4-                      | 121-17-5   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.59E-02               | 2.26E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorobenzotrifluoride, 4-                              | 98-56-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | 3.00E-03        | P       | 3.00E-01                 | P       | 1.00E+00               | 3.75E-02               | 1.81E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+05                          | 8.93E+03                       | 8.72E+03                                | 8.72E+03               |          |
| Chlorobiphenyl, p-                                      | 2051-62-9  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 7.52E-01               | 1.89E+02 | 6.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorobutane, 1-                                        | 109-69-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | 4.00E-02        | P       | -                        |         | 1.00E+00               | 2.69E-02               | 9.26E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 4.87E+06                       | 2.85E+05                                | 2.69E+05               | 2.69E+05 |
| Chlorobutane, 2-                                        | 78-86-4    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.67E-02               | 9.26E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorocyclopentadiene                                   | 41851-50-7 | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.77E-02               | 1.01E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorodibromoethane                                     | 73506-94-2 | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorodifluoromethane                                   | 75-45-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 5.00E+01                 | I       | 1.00E+00               | 2.68E-03               | 8.65E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloroethanol, 2-                                       | 107-07-3   | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-02        | P       | -                        |         | 1.00E+00               | 5.79E-04               | 8.05E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 2.43E+06                       | 6.95E+06                                | 1.80E+06               | 1.80E+06 |
| Chloroethylvinyl ether, 2-                              | 110-75-8   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.36E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloroform                                              | 67-66-3    | No       | Yes       | Organics      | Organics      | 3.10E-02                                  | C                    | 1.00E-02        | I       | 9.77E-02                 | A       | 1.00E+00               | 6.83E-03               | 1.19E+02 | 1.00E+00      | Yes     | 7.24E-02                 | -                              | 3.21E+00                       | 2.75E+04                     | 5.48E+03                  | 4.57E+03                        | -                                 | -                              | -                                       | 1.22E+06                          | 2.43E+05                       | 2.02E+05                                | 4.57E+03               |          |
| Chloromethane                                           | 74-87-3    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 9.00E-02                 | I       | 1.00E+00               | 3.28E-03               | 5.05E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloromethyl Methyl Ether                               | 107-30-2   | No       | Yes       | Organics      | Organics      | 2.40E+00                                  | C                    | -               |         | -                        |         | 1.00E+00               | 9.05E-04               | 8.05E+01 | 1.00E+00      | Yes     | 9.35E-04                 | -                              | -                              | 3.55E+02                     | 6.49E+02                  | 2.29E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.29E+02               |          |
| Chloronaphthalene, Beta-                                | 91-58-7    | No       | Yes       | Organics      | Organics      | -                                         |                      | 8.00E-02        | I       | -                        |         | 1.00E+00               | 7.49E-02               | 1.63E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 9.73E+06                       | 1.34E+05                                | 1.32E+05               | 1.32E+05 |
| Chloronaphthalene, alpha-                               | 90-13-1    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 8.72E-02               | 1.63E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloronitrobenzene, o-                                  | 88-73-3    | No       | No        | Organics      | Organics      | 3.00E-01                                  | P                    | 3.00E-03        | P       | 1.00E-05                 | X       | 1.00E+00               | 6.30E-03               | 1.58E+02 | 1.00E+00      | Yes     | 7.48E-03                 | -                              | 9.62E-01                       | 2.84E+03                     | 4.80E+02                  | 4.10E+02                        | -                                 | -                              | -                                       | 3.65E+05                          | 6.17E+04                       | 5.28E+04                                | 4.10E+02               |          |
| Chloronitrobenzene, p-                                  | 100-00-5   | No       | No        | Organics      | Organics      | 6.00E-02                                  | P                    | 7.00E-04        | P       | 2.00E-03                 | P       | 1.00E+00               | 7.93E-03               | 1.58E+02 | 1.00E+00      | Yes     | 3.74E-02                 | -                              | 2.24E-01                       | 1.42E+04                     | 1.91E+03                  | 1.68E+03                        | -                                 | -                              | -                                       | 8.52E+04                          | 1.14E+04                       | 1.01E+04                                | 1.68E+03               |          |
| Chlorooctadecane, 1-                                    | 3386-33-2  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 6.98E+01               | 2.89E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorophenol, 2-                                        | 95-57-8    | No       | Yes       | Organics      | Organics      | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 7.99E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.08E+05                       | 9.77E+04                                | 8.42E+04               | 8.42E+04 |
| Chlorophenol, 3-                                        | 108-43-0   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.36E-02               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorophenol, 4-                                        | 106-48-9   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.15E-02               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorophenyl Methyl Sulfide, p-                         | 123-09-1   | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 2.86E-02               | 1.59E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorophenyl Methyl Sulfoxide                           | 934-73-6   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 8.49E-04               | 1.75E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorophenyl phenyl ether, 4-                           | 7005-72-3  | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.48E-01               | 2.05E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloropicrin                                            | 76-06-2    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | 4.00E-04                 | C       | 1.00E+00               | 4.59E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chloropropane, 2-                                       | 75-29-6    | No       | Yes       | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 1.04E-02               | 7.85E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chlorothalonil                                          | 1897-45-6  | No       | No        | Organics      | Organics      | 1.70E-02                                  | C                    | 1.50E-02        | I       | -                        |         | 1.00E+00               | 5.37E-03               | 2.66E+02 | 9.00E-01      | Yes     | 1.32E-01                 | -                              | 4.81E+00                       | 5.01E+04                     | 5.49E+03                  | 4.95E+03                        | -                                 | -                              | -                                       | 1.83E+06                          | 2.00E+05                       | 1.80E+05                                | 4.95E+03               |          |
| Chlorotoluene, o-                                       | 95-49-8    | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-02        | I       | -                        |         | 1.00E+00               | 5.72E-02               | 1.27E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 2.43E+06                       | 5.53E+04                                | 5.41E+04               | 5.41E+04 |
| Chlorotoluene, p-                                       | 106-43-4   | No       | Yes       | Organics      | Organics      | -                                         |                      | 2.00E-02        | X       | -                        |         | 1.00E+00               | 4.98E-02               | 1.27E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 2.43E+06                       | 6.35E+04                                | 6.19E+04               | 6.19E+04 |
| Chlorozotocin                                           | 54749-90-5 | No       | No        | Organics      | Organics      | 2.40E+02                                  | C                    | -               |         | -                        |         | 1.00E+00               | 9.91E-06               | 2.66E+02 | 1.00E+00      | Yes     | 9.35E-06                 | -                              | -                              | 3.55E+00                     | 1.90E+02                  | 3.48E+00                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.48E+00               |          |
| Chlorpropham                                            | 101-21-3   | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-03        | O       | -                        |         | 1.00E+00               | 2.13E-02               | 2.14E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.08E+05                       | 2.35E+04                                | 2.26E+04               | 2.26E+04 |
| Chlorpyrifos                                            | 2921-88-2  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-03        | A       | -                        |         | 1.00E+00               | 3.34E-02               | 3.51E+02 | 8.00E-01      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+05                       | 1.40E+03                                | 1.38E+03               | 1.38E+03 |
| Chlorpyrifos Methyl                                     | 5598-13-0  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | H       | -                        |         | 1.00E+00               | 1.78E-02               | 3.23E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+06                       | 2.79E+04                                | 2.73E+04               | 2.73E+04 |
| Chlorsulfuron                                           | 64902-72-3 | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-02        | O       | -                        |         | 1.00E+00               | 3.28E-04               | 3.58E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.08E+06                       | 5.43E+06                                | 2.87E+06               | 2.87E+06 |
| Chlorthal-dimethyl                                      | 1861-32-1  | No       | No        | Organics      | Organics      | -                                         |                      | 1.00E-02        | I       | -                        |         | 1.00E+00               | 1.50E-02               | 3.32E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+06                       | 3.12E+04                                | 3.04E+04               | 3.04E+04 |
| Chlorthiophos                                           | 60238-56-4 | No       | No        | Organics      | Organics      | -                                         |                      | 8.00E-04        | H       | -                        |         | 1.00E+00               | 1.06E-01               | 3.61E+02 | 8.00E-01      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 9.73E+04                       | 3.29E+02                                | 3.27E+02               | 3.27E+02 |
| Chromium(III), Insoluble Salts                          | 16065-83-1 | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 1.50E+00        | I       | -                        |         | 1.30E-02               | 1.00E-03               | 5.20E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.25E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.83E+08                       | 6.25E+06                                | 6.04E+06               | 6.04E+06 |
| Chromium(VI)                                            | 18540-29-9 | Yes      | No        | Inorganics    | Inorganics    | 5.00E-01                                  | C                    | 3.00E-03        | I       | 1.00E-04                 | I       | 2.50E-02               | 2.00E-03               | 5.20E+01 | 1.00E+00      | Yes     | 3.74E-05                 | -                              | 2.40E-02                       | 5.68E+02                     | 1.87E+01                  | 1.81E+01                        | -                                 | -                              | -                                       | 3.65E+05                          | 1.20E+04                       | 1.16E+04                                | 1.81E+01               |          |
| Chromium, Total                                         | 7440-47-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | -               |         | -                        |         | 1.30E-02               | 1.00E-03               | 5.20E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Chrysene                                                | 218-01-9   | Yes      | No        | Organics      | Organics      | 1.00E-03                                  | E                    | -               |         | -                        |         | 1.00E+00               | 5.96E-01               | 2.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 2.84E+05                     | -                         | 2.84E+05                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | 2.84E+05 |
| Clofentezine                                            | 74115-24-5 | No       | No        | Organics      | Organics      | -                                         |                      | 1.30E-02        | I       | -                        |         | 1.00E+00               | 3.58E-03               | 3.03E+02 | 9.00E-01      | Yes     | -                        | -                              | 4.17E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.58E+06                       | 2.04E+05                                | 1.81E+05               | 1.81E+05 |
| Cobalt                                                  | 7440-48-4  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 3.00E-04        | P       | 6.00E-06                 | P       | 1.00E+00               | 4.00E-04               | 5.89E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 3.65E+04                       | 2.40E+05                                | 3.17E+04               | 3.17E+04 |
| Complex Mixtures of Aliphatic and Aromatic Hydrocarbons | NA         | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Copper                                                  | 7440-50-8  | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 4.00E-02        | H       | -                        |         | 1.00E+00               | 1.00E-03               | 6.35E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 4.87E+06                       | 1.28E+07                                | 3.53E+06               | 3.53E+06 |
| Copper Cyanide                                          | 544-92-3   | No       | No        | Inorganics    | Inorganics    | -                                         |                      | 5.00E-03        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 8.96E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.08E+05                       | 1.60E+06                                | 4.41E+05               | 4.41E+05 |
| Coronene                                                | 191-07-1   | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | 3.86E+00               | 3.00E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Creosote                                                | 8001-58-9  | No       | No        | Organics      | Organics      | -                                         |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Cresol, m-                                              | 108-39-4   | No       | No        | Organics      | Organics      | -                                         |                      | 5.00E-02        | I       | 6.00E-01                 | C</     |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |          |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where the nc SL < 100X ca SL; \*\* = where the nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGS GE GIABS (unitless) | K <sub>p</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |          |
|-------------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|--------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|----------|
| Cyhalothrin                                                 | 68085-85-8 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 2.10E-01               | 4.50E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Cypermethrin                                                | 52315-07-8 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 7.69E-02               | 4.16E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Cyromazine                                                  | 66215-27-8 | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-01        | O       | -                        |         | 1.00E+00                 | 7.97E-04               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 6.08E+07                       | 7.68E+07                                | 3.40E+07               | 3.40E+07 |
| DDD, o,p'-                                                  | 53-19-0    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 2.01E-01               | 3.20E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| DDT, o,p'-                                                  | 789-02-6   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 5.26E-01               | 3.54E+02 | 4.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| DDT/DDE/DDD (total)                                         | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dalapon                                                     | 75-99-0    | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-02        | I       | -                        |         | 1.00E+00                 | 8.15E-04               | 1.43E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 3.65E+06                       | 5.24E+06                                | 2.15E+06               | 2.15E+06 |
| Daminozide                                                  | 1596-84-5  | No       | No        | Organics      | Organics      | 1.80E-02                                  | C                   | 1.50E-01        | I       | -                        |         | 1.00E+00                 | 1.99E-05               | 1.60E+02 | 1.00E+00      | Yes     | 1.25E-01                 | -                              | 4.81E+01                       | 4.73E+04                     | 2.49E+06                  | 4.64E+04                        | -                                 | -                              | -                                       | 1.83E+07                          | 9.60E+08                       | 1.79E+07                                | 4.64E+04               |          |
| Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209) | 1163-19-5  | No       | No        | Organics      | Organics      | 7.00E-04                                  | I                   | 7.00E-03        | I       | -                        |         | 1.00E+00                 | 7.25E-01               | 9.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 1.22E+06                     | -                         | 1.22E+06                        | -                                 | -                              | -                                       | -                                 | 8.52E+05                       | -                                       | 8.52E+05               | 8.52E+05 |
| Decane                                                      | 124-18-5   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 5.32E-01               | 1.42E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Decanol, n-                                                 | 112-30-1   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 2.21E-01               | 1.58E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Deltamethrin                                                | 52918-63-5 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 3.02E-02               | 5.05E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Demeton                                                     | 8065-48-3  | No       | No        | Organics      | Organics      | -                                         |                     | 4.00E-05        | I       | -                        |         | 1.00E+00                 | 7.56E-03               | 5.17E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.28E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 4.87E+03                       | 8.46E+01                                | 8.31E+01               | 8.31E+01 |
| Di(2-ethylhexyl)adipate                                     | 103-23-1   | No       | No        | Organics      | Organics      | 1.20E-03                                  | I                   | 6.00E-01        | I       | -                        |         | 1.00E+00                 | 3.23E+00               | 3.71E+02 | 0.00E+00      | Yes     | 1.87E+00                 | -                              | 1.92E+02                       | 7.10E+05                     | -                         | 7.10E+05                        | -                                 | -                              | -                                       | -                                 | 7.30E+07                       | -                                       | 7.30E+07               | 7.10E+05 |
| Di-n-butyltin bis(2-ethylhexanoate)                         | 2781-10-4  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 7.72E-02               | 5.33E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Di-n-butyltin bis(2-methyl maleate)                         | 15546-11-9 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.25E-04               | 4.91E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Di-n-butyltin bis(n-butyl maleate)                          | 15546-16-4 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 3.82E-03               | 5.75E+02 | 8.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Di-n-butyltin dilaurate                                     | 77-58-7    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 5.30E-05               | 6.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Di-n-butyltin distearate                                    | 5847-55-2  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 4.91E+03               | 8.00E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Di-n-hexylphthalate                                         | 84-75-3    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 7.09E-01               | 3.34E+02 | 4.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Diallylate                                                  | 2303-16-4  | No       | No        | Organics      | Organics      | 6.10E-02                                  | H                   | -               | -       | -                        |         | 1.00E+00                 | 4.60E-02               | 2.70E+02 | 9.00E-01      | Yes     | 3.68E-02                 | -                              | -                              | 1.40E+04                     | 1.74E+02                  | 1.71E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.71E+02               |          |
| Diammonium phosphate                                        | 7783-28-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.00E-03               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Diazinon                                                    | 333-41-5   | No       | No        | Organics      | Organics      | -                                         |                     | 7.00E-04        | A       | -                        |         | 1.00E+00                 | 1.04E-02               | 3.04E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.24E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 8.52E+04                       | 3.76E+03                                | 3.60E+03               | 3.60E+03 |
| Dibenz[a,h]anthracene                                       | 53-70-3    | Yes      | No        | Organics      | Organics      | 1.00E+00                                  | E                   | -               |         | -                        |         | 1.00E+00                 | 9.53E-01               | 2.78E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 2.84E+02                     | -                         | 2.84E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.84E+02               |          |
| Dibenzo[a,e]pyrene                                          | 192-65-4   | No       | No        | Organics      | Organics      | 1.20E+01                                  | C                   | -               |         | -                        |         | 1.00E+00                 | 4.19E+00               | 3.02E+02 | 3.00E-01      | No      | -                        | -                              | -                              | 7.10E+01                     | -                         | 7.10E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 7.10E+01               |          |
| Dibenzofuran                                                | 132-64-9   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-03        | X       | -                        |         | 1.00E+00                 | 9.75E-02               | 1.68E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+05                       | 1.24E+03                                | 1.23E+03               | 1.23E+03 |
| Dibenzothiophene                                            | 132-65-0   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.18E-01               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibromo-3-chloropropane, 1,2-                               | 96-12-8    | Yes      | Yes       | Organics      | Organics      | 8.00E-01                                  | P                   | 2.00E-04        | P       | 2.00E-04                 | I       | 1.00E+00                 | 6.85E-03               | 2.36E+02 | 1.00E+00      | Yes     | 9.35E-04                 | -                              | 6.41E-02                       | 3.55E+02                     | 3.32E+01                  | 3.03E+01                        | -                                 | -                              | -                                       | 2.43E+04                          | 2.28E+03                       | 2.08E+03                                | 3.03E+01               |          |
| Dibromoacetic acid                                          | 631-64-1   | No       | No        | Organics      | Organics      | 2.50E-01                                  | C                   | 3.00E-04        | C       | -                        |         | 1.00E+00                 | 2.74E-04               | 2.18E+02 | 1.00E+00      | Yes     | 8.98E-03                 | -                              | 9.62E-02                       | 3.41E+03                     | 8.97E+03                  | 2.47E+03                        | -                                 | -                              | -                                       | 3.65E+04                          | 9.61E+04                       | 2.65E+04                                | 2.47E+03               |          |
| Dibromobenzene, 1,3-                                        | 108-36-1   | No       | Yes       | Organics      | Organics      | -                                         |                     | 4.00E-04        | X       | -                        |         | 1.00E+00                 | 2.31E-02               | 2.36E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.28E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 4.87E+04                       | 1.50E+03                                | 1.46E+03               | 2.46E+03 |
| Dibromobenzene, 1,4-                                        | 106-37-6   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-02        | I       | -                        |         | 1.00E+00                 | 2.45E-02               | 2.36E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+06                       | 3.54E+04                                | 3.44E+04               | 3.44E+04 |
| Dibromochloromethane                                        | 124-48-1   | No       | Yes       | Organics      | Organics      | 8.40E-02                                  | I                   | 2.00E-02        | I       | -                        |         | 1.00E+00                 | 2.89E-03               | 2.08E+02 | 1.00E+00      | Yes     | 2.67E-02                 | -                              | 6.41E+00                       | 1.01E+04                     | 2.69E+03                  | 2.13E+03                        | -                                 | -                              | -                                       | 2.43E+06                          | 6.46E+05                       | 5.11E+05                                | 2.13E+03               |          |
| Dibromodichloromethane                                      | 594-18-3   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 3.76E-03               | 2.43E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibromodiphenyl Ether, p,p'-                                | 2050-47-7  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.69E-01               | 3.28E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibromomethane, 1,2-                                        | 106-93-4   | No       | Yes       | Organics      | Organics      | 2.00E+00                                  | I                   | 9.00E-03        | I       | 9.00E-03                 | I       | 1.00E+00                 | 2.78E-03               | 1.88E+02 | 1.00E+00      | Yes     | 1.12E-03                 | -                              | 2.89E+00                       | 4.26E+02                     | 1.34E+02                  | 1.02E+02                        | -                                 | -                              | -                                       | 1.10E+06                          | 3.45E+05                       | 2.62E+05                                | 1.02E+02               |          |
| Dibromomethane (Methylene Bromide)                          | 74-95-3    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 4.00E-03                 | X       | 1.00E+00                 | 2.23E-03               | 1.74E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutoxy di-n-butyltin                                      | 3349-36-8  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.44E-03               | 3.79E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutyl Phthalate                                           | 84-74-2    | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-01        | I       | -                        |         | 1.00E+00                 | 4.20E-02               | 2.78E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 1.22E+07                       | 1.57E+05                                | 1.55E+05               | 1.55E+05 |
| Dibutylbis((1-oxoisooctyl)oxy)stannane                      | 85702-74-5 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutylbis(octadeca-9(Z),12(Z),15(Z)-trienoxyloxy)stannane  | 95873-60-2 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               | -       | -                        |         | 1.00E+00                 | 7.97E+02               | 7.88E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutylbis(octadeca-9(Z),12(Z)-dienoxyloxy)stannane         | 85391-79-3 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutylbis(palmitoxyloxy)stannane                           | 13323-63-2 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               | -       | -                        |         | 1.00E+00                 | 5.02E+02               | 7.44E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutyltin Compounds                                        | NA         | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-04        | P       | -                        |         | 1.00E+00                 | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.65E+04               |          |
| Dibutyltin diacetate                                        | 1067-33-0  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 5.83E-05               | 3.51E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutyltin dichloride                                       | 683-18-1   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 3.36E-04               | 3.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dibutyltin oxide                                            | 818-08-6   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 2.19E-01               | 2.49E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dicalcium phosphate                                         | 7757-93-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.00E-03               | 1.36E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dicamba                                                     | 1918-00-9  | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-02        | I       | -                        |         | 1.00E+00                 | 2.65E-03               | 2.21E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | 3.65E+06                       | 9.74E+05                                | 7.69E+05               | 7.69E+05 |
| Dichloramine                                                | 3400-09-7  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dichloro-2-butene, 1,4-                                     | 764-41-0   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.66E-02               | 1.25E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dichloro-2-butene, cis-1,4-                                 | 1476-11-5  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.66E-02               | 1.25E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dichloro-2-butene, trans-1,4-                               | 110-57-6   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00                 | 1.66E-02               | 1.25E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       |                        |          |
| Dichloroacetic Acid                                         | 79-43-6    | No       | No        | Organics      | Organics      | 5.00E-02                                  | I                   | 4.00E-03        | I       | -                        |         | 1.00E+00                 | 1.21E-03               | 1.29E+02 | 1.00E+00      | Yes     | 4.49E-02                 | -                              | 1.28E+00                       | 1.70E+04                     | 1.80E+0                   |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |          |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                            | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Dichloropropane, 1,3-               | 142-28-9   | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-02        | P       | -                        |         | 1.00E+00               | 7.76E-03               | 1.13E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 4.45E+05                       | 3.76E+05                                | 3.76E+05               |
| Dichloropropane, 2,2-               | 594-20-7   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.16E-02               | 1.13E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dichloropropanol, 2,3-              | 616-23-9   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-03        | I       | -                        |         | 1.00E+00               | 9.83E-04               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+05                          | 4.75E+05                       | 2.06E+05                                | 2.06E+05               |
| Dichloropropene, 1,1-               | 563-58-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.79E-02               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dichloropropene, 1,3-               | 542-75-6   | No       | Yes       | Organics      | Organics      | 1.00E-01                                 | I                   | 3.00E-02        | I       | 2.00E-02                 | I       | 1.00E+00               | 8.34E-03               | 1.11E+02 | 1.00E+00      | Yes     | 2.24E-02                 | -                              | 9.62E+00                       | 8.52E+03                     | 1.47E+03                  | 1.25E+03                        | -                                 | -                              | 3.65E+06                                | 6.29E+05                          | 5.37E+05                       | 1.25E+03                                |                        |
| Dichloropropene, 2,3-               | 78-88-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.53E-02               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dichloropropene, cis-1,3-           | 10061-01-5 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 8.34E-03               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dichloropropene, trans-1,3-         | 10061-02-6 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 8.34E-03               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dichlorvos                          | 62-73-7    | No       | No        | Organics      | Organics      | 2.90E-01                                 | I                   | 5.00E-04        | I       | 5.00E-04                 | I       | 1.00E+00               | 8.04E-04               | 2.21E+02 | 1.00E+00      | Yes     | 7.74E-03                 | -                              | 1.60E-01                       | 2.94E+03                     | 2.58E+03                  | 1.37E+03                        | -                                 | -                              | 6.08E+04                                | 5.35E+04                          | 2.85E+04                       | 1.37E+03                                |                        |
| Dicrotophos                         | 141-66-2   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-05        | O       | -                        |         | 1.00E+00               | 7.31E-05               | 2.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-03                       | -                            | -                         | -                               | -                                 | -                              | 3.65E+03                                | 3.18E+04                          | 3.27E+03                       | 3.27E+03                                |                        |
| Dicyclohexylamine                   | 101-83-7   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.20E-01               | 1.81E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dicyclopentadiene                   | 77-73-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | 8.00E-02        | P       | 3.00E-04                 | X       | 1.00E+00               | 3.60E-02               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+06                          | 3.39E+05                       | 3.27E+05                                | 3.27E+05               |
| Dieldrin                            | 60-57-1    | No       | No        | Organics      | Organics      | 1.60E+01                                 | I                   | 5.00E-05        | I       | -                        |         | 1.00E+00               | 3.26E-02               | 3.81E+02 | 8.00E-01      | Yes     | 1.40E-04                 | -                              | 1.60E-02                       | 5.32E+01                     | 5.15E-01                  | 5.10E-01                        | -                                 | -                              | 6.08E+03                                | 5.88E+01                          | 5.83E+01                       | 5.10E-01                                |                        |
| Diepoxbutane                        | 1464-53-5  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.08E-05               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethanolamine                      | 111-42-2   | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-03        | P       | 2.00E-04                 | P       | 1.00E+00               | 4.51E-05               | 1.05E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 7.83E+06                       | 2.36E+05                                | 2.36E+05               |
| Diethyl Phthalate                   | 84-66-2    | No       | No        | Organics      | Organics      | -                                        |                     | 8.00E-01        | I       | -                        |         | 1.00E+00               | 3.60E-03               | 2.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+07                          | 1.90E+07                       | 1.59E+07                                | 1.59E+07               |
| Diethyl sulfate                     | 64-67-5    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.23E-03               | 1.54E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethyl-meta-Toluamide, N,N (DEET)  | 134-62-3   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.72E-03               | 1.91E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethyl-p-nitrophenylphosphate      | 311-45-5   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 9.26E-04               | 2.75E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethylene Glycol Dinitrate (DEGDN) | 693-21-0   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.57E-04               | 1.96E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethylene Glycol Monobutyl Ether   | 112-34-5   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | P       | 1.00E-04                 | P       | 1.00E+00               | 4.54E-04               | 1.62E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 8.30E+06                       | 2.54E+06                                | 2.54E+06               |
| Diethylene Glycol Monoethyl Ether   | 111-90-0   | No       | No        | Organics      | Organics      | -                                        |                     | 6.00E-02        | P       | 3.00E-04                 | P       | 1.00E+00               | 1.21E-04               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+06                          | 7.47E+07                       | 6.65E+06                                | 6.65E+06               |
| Diethylene-glycol                   | 111-46-6   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 4.17E-05               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethylformamide                    | 617-84-5   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | P       | -                        |         | 1.00E+00               | 4.57E-04               | 1.01E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 3.95E+05                       | 9.30E+04                                | 9.30E+04               |
| Diethylphosphorodithioate           | 298-06-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 4.36E-03               | 1.86E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diethylstilbestrol                  | 56-53-1    | No       | No        | Organics      | Organics      | 3.50E+02                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.14E-01               | 2.68E+02 | 9.00E-01      | Yes     | 6.41E-06                 | -                              | -                              | 2.43E+00                     | 1.24E-02                  | 1.23E-02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.23E-02               |
| Difenzoquat                         | 43222-48-6 | No       | No        | Organics      | Organics      | -                                        |                     | 8.30E-02        | O       | -                        |         | 1.00E+00               | 4.02E-05               | 3.60E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.66E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.01E+07                          | 7.23E+07                       | 8.86E+06                                | 8.86E+06               |
| Diffubenzuron                       | 35367-38-5 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-02        | I       | -                        |         | 1.00E+00               | 1.07E-02               | 3.11E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 1.00E+05                       | 9.62E+04                                | 9.62E+04               |
| Difluoroethane, 1,1-                | 75-37-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 4.00E+01                 | I       | 1.00E+00               | 2.10E-03               | 6.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Difluoropropane, 2,2-               | 420-45-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E+01                 | X       | 1.00E+00               | 1.85E-02               | 8.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dihydrosafrole                      | 94-58-6    | No       | Yes       | Organics      | Organics      | 4.40E-02                                 | C                   | -               |         | -                        |         | 1.00E+00               | 4.52E-02               | 1.64E+02 | 1.00E+00      | Yes     | 5.10E-02                 | -                              | 1.94E+04                       | 4.37E+02                     | 4.27E+02                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | 4.27E+02                                |                        |
| Diisopropyl Ether                   | 108-20-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 7.00E-01                 | P       | 1.00E+00               | 4.28E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Diisopropyl Methylphosphonate       | 1445-75-6  | No       | Yes       | Organics      | Organics      | -                                        |                     | 8.00E-02        | I       | -                        |         | 1.00E+00               | 7.38E-04               | 1.80E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+06                          | 1.21E+07                       | 5.40E+06                                | 5.40E+06               |
| Dimagnesium phosphate               | 7782-75-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.74E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dimethipin                          | 55290-64-7 | No       | No        | Organics      | Organics      | -                                        |                     | 2.18E-02        | O       | -                        |         | 1.00E+00               | 7.98E-05               | 2.10E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.99E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.65E+06                          | 2.52E+07                       | 2.40E+06                                | 2.40E+06               |
| Dimethoate                          | 60-51-5    | No       | No        | Organics      | Organics      | -                                        |                     | 2.20E-03        | O       | -                        |         | 1.00E+00               | 2.67E-04               | 2.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.05E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.68E+05                          | 6.72E+05                       | 1.91E+05                                | 1.91E+05               |
| Dimethoxybenzidine, 3,3'-           | 119-90-4   | No       | No        | Organics      | Organics      | 1.60E+00                                 | P                   | -               |         | -                        |         | 1.00E+00               | 1.06E-03               | 2.44E+02 | 1.00E+00      | Yes     | 1.40E-03                 | -                              | -                              | 5.32E+02                     | 3.06E+02                  | 1.94E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.94E+02               |
| Dimethyl Sulfate                    | 77-78-1    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.92E-04               | 1.26E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dimethyl Sulfide                    | 75-18-3    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.86E-03               | 6.21E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dimethyl methylphosphonate          | 756-79-6   | No       | No        | Organics      | Organics      | 1.70E-03                                 | P                   | 6.00E-02        | P       | -                        |         | 1.00E+00               | 1.24E-04               | 1.24E+02 | 1.00E+00      | Yes     | 1.32E+00                 | -                              | 1.92E+01                       | 5.01E+05                     | 5.34E+06                  | 4.58E+05                        | -                                 | -                              | 7.30E+06                                | 7.78E+07                          | 6.67E+06                       | 4.58E+05                                |                        |
| Dimethylamino azobenzene [p-]       | 60-11-7    | No       | No        | Organics      | Organics      | 4.60E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 9.43E-02               | 2.25E+02 | 1.00E+00      | Yes     | 4.88E-04                 | -                              | -                              | 1.85E+02                     | 1.35E+00                  | 1.34E+00                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.34E+00               |
| Dimethylaniline HCl, 2,4-           | 21436-96-4 | No       | No        | Organics      | Organics      | 5.80E-01                                 | H                   | -               |         | -                        |         | 1.00E+00               | 2.02E-05               | 1.21E+02 | 1.00E+00      | Yes     | 3.87E-03                 | -                              | -                              | 1.47E+03                     | 9.78E+04                  | 1.45E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.45E+03               |
| Dimethylaniline, 2,4-               | 95-68-1    | No       | No        | Organics      | Organics      | 2.00E-01                                 | P                   | 2.00E-03        | X       | -                        |         | 1.00E+00               | 4.28E-03               | 1.21E+02 | 1.00E+00      | Yes     | 1.12E-02                 | -                              | 6.41E-01                       | 4.26E+03                     | 1.34E+03                  | 1.02E+03                        | -                                 | -                              | 2.43E+05                                | 7.65E+04                          | 5.82E+04                       | 1.02E+03                                |                        |
| Dimethylaniline, N,N-               | 121-69-7   | No       | Yes       | Organics      | Organics      | 2.70E-02                                 | P                   | 2.00E-03        | I       | -                        |         | 1.00E+00               | 1.12E-02               | 1.21E+02 | 1.00E+00      | Yes     | 8.31E-02                 | -                              | 6.41E-01                       | 3.15E+04                     | 3.79E+03                  | 3.38E+03                        | -                                 | -                              | 2.43E+05                                | 2.92E+04                          | 2.61E+04                       | 3.38E+03                                |                        |
| Dimethylbenz(a)anthracene, 7,12-    | 57-97-6    | Yes      | No        | Organics      | Organics      | 2.50E+02                                 | C                   | -               |         | -                        |         | 1.00E+00               | 4.08E-01               | 2.56E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 1.14E+00                     | -                         | 1.14E+00                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.14E+00               |
| Dimethylbenzidine, 3,3'-            | 119-93-6   | No       | No        | Organics      | Organics      | 1.10E+01                                 | P                   | -               |         | -                        |         | 1.00E+00               | 3.62E-03               | 2.12E+02 | 1.00E+00      | Yes     | 2.04E-04                 | -                              | -                              | 7.74E+01                     | 1.60E+01                  | 1.33E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.33E+01               |
| Dimethylcyclohexylamine, n,n-       | 98-94-2    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.03E-02               | 1.27E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dimethylethyl Lead                  | 7          | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Dimethylformamide                   | 68-12-2    | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-01        | P       | 3.00E-02                 | I       | 1.00E+00               | 1.30E-04               | 7.31E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 1.60E+08                       | 1.13E+07                                | 1.13E+07               |
| Dimethylhydrazine, 1,1-             | 57-14-7    | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-04        | X       | 2.00E-06                 | X       |                        |                        |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                          | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |          |
|-----------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|----------|
| Dinitrotoluene, 4-Amino-2,6-      | 19406-51-0 | No       | No        | Organics      | Organics      | -                                        | -                   | 1.00E-04        | X       | -                        | -       | 1.00E+00               | 2.04E-03               | 1.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 4.92E+03                       | 3.50E+03                                | 3.50E+03               |          |
| Dinitrotoluene, Technical grade   | 25321-14-6 | No       | No        | Organics      | Organics      | 4.50E-01                                 | X                   | 9.00E-04        | X       | -                        | -       | 1.00E+00               | 4.16E-03               | 5.46E+02 | 8.00E-01      | Yes     | 4.99E-03                 | -                              | 2.89E-01                       | 1.89E+03                     | 4.93E+01                  | 4.81E+01                        | -                                 | -                              | -                                       | 1.10E+05                          | 2.85E+03                       | 2.78E+03                                | 4.81E+01               |          |
| Dinoseb                           | 88-85-7    | No       | No        | Organics      | Organics      | -                                        | -                   | 1.00E-03        | I       | -                        | -       | 1.00E+00               | 1.63E-02               | 2.40E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 5.18E+03                       | 4.97E+03                                | 4.97E+03               |          |
| Dioxane, 1,4-                     | 123-91-1   | No       | Yes       | Organics      | Organics      | 1.00E-01                                 | I                   | 3.00E-02        | I       | 3.00E-02                 | I       | 1.00E+00               | 3.32E-04               | 8.81E+01 | 1.00E+00      | Yes     | 2.24E-02                 | -                              | 9.62E+00                       | 8.52E+03                     | 4.08E+04                  | 7.05E+03                        | -                                 | -                              | -                                       | 3.65E+06                          | 1.75E+07                       | 3.02E+06                                | 7.05E+03               |          |
| Diphenamid                        | 957-51-7   | No       | No        | Organics      | Organics      | -                                        | -                   | 3.00E-02        | I       | -                        | -       | 1.00E+00               | 5.63E-03               | 2.39E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 4.07E+05                       | 3.66E+05                                | 3.66E+05               |          |
| Diphenyl Ether                    | 101-84-8   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 1.09E-01        | -       | 4.00E-04                 | X       | 1.00E+00               | 1.09E-01               | 1.70E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Diphenyl Sulfone                  | 127-63-9   | No       | No        | Organics      | Organics      | -                                        | -                   | 8.00E-04        | X       | -                        | -       | 1.00E+00               | 3.67E-03               | 2.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 1.91E+04                       | 1.60E+04                                | 1.60E+04               |          |
| Diphenylamine                     | 122-39-4   | No       | No        | Organics      | Organics      | -                                        | -                   | 1.00E-01        | O       | -                        | -       | 1.00E+00               | 3.73E-02               | 1.69E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 3.22E+05                       | 3.14E+05                                | 3.14E+05               |          |
| Diphenylhydrazine, 1,2-           | 122-66-7   | No       | No        | Organics      | Organics      | 8.00E-01                                 | I                   | -               | -       | -                        | -       | 1.00E+00               | 1.30E-02               | 1.84E+02 | 1.00E+00      | Yes     | 2.80E-03                 | -                              | -                              | 1.06E+03                     | 7.34E+01                  | 6.87E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | 6.87E+01 |
| Dipotassium phosphate             | 7758-11-4  | No       | No        | Inorganics    | Inorganics    | -                                        | -                   | 1.00E+00        | P       | -                        | -       | 1.00E+00               | 1.00E-03               | 1.74E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Diquat                            | 2764-72-9  | No       | No        | Organics      | Organics      | -                                        | -                   | 2.20E-03        | I       | -                        | -       | 1.00E+00               | 5.38E-03               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.05E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.68E+05                          | 4.46E+04                       | 3.82E+04                                | 3.82E+04               |          |
| Direct Black 38                   | 1937-37-7  | No       | No        | Organics      | Organics      | 7.40E+00                                 | C                   | -               | -       | -                        | -       | 1.00E+00               | 2.05E-04               | 7.80E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.15E+02                     | -                         | 1.15E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | 1.15E+02 |
| Direct Blue 6                     | 2602-46-2  | No       | No        | Organics      | Organics      | 7.40E+00                                 | C                   | -               | -       | -                        | -       | 1.00E+00               | 1.73E-09               | 9.33E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.15E+02                     | -                         | 1.15E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | 1.15E+02 |
| Direct Brown 95                   | 16071-86-6 | No       | No        | Organics      | Organics      | 6.70E+00                                 | C                   | -               | -       | -                        | -       | 1.00E+00               | 3.87E-12               | 7.61E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 1.27E+02                     | -                         | 1.27E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | 1.27E+02 |
| Direct Sky Blue                   | 2610-05-1  | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 3.69E-07               | 9.93E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Disodium phosphate                | 7558-79-4  | No       | No        | Inorganics    | Inorganics    | -                                        | -                   | 1.00E+00        | P       | -                        | -       | 1.00E+00               | 1.00E-03               | 1.42E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Disulfoton                        | 298-04-4   | No       | No        | Organics      | Organics      | -                                        | -                   | 4.00E-05        | I       | -                        | -       | 1.00E+00               | 2.12E-02               | 2.74E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.28E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+03                          | 1.28E+02                       | 1.25E+02                                | 1.25E+02               |          |
| Dithiane, 1,4-                    | 505-29-3   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 1.00E-02        | I       | -                        | -       | 1.00E+00               | 1.08E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 1.53E+06                       | 6.77E+05                                | 6.77E+05               |          |
| Diundecyl Phthalate               | 3648-20-2  | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 1.46E+02               | 4.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Diuron                            | 330-54-1   | No       | No        | Organics      | Organics      | -                                        | -                   | 2.00E-03        | I       | -                        | -       | 1.00E+00               | 4.66E-03               | 2.33E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 3.42E+04                       | 2.99E+04                                | 2.99E+04               |          |
| Dodine                            | 2439-10-3  | No       | No        | Organics      | Organics      | -                                        | -                   | 2.00E-02        | O       | -                        | -       | 1.00E+00               | 2.22E-04               | 2.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 5.05E+06                       | 1.64E+06                                | 1.64E+06               |          |
| EPTC                              | 759-94-4   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 5.00E-02        | O       | -                        | -       | 1.00E+00               | 1.84E-02               | 1.89E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 2.87E+05                       | 2.74E+05                                | 2.74E+05               |          |
| Endosulfan                        | 115-29-7   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 6.00E-03        | I       | -                        | -       | 1.00E+00               | 2.86E-03               | 4.07E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.92E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+05                          | 6.05E+04                       | 5.59E+04                                | 5.59E+04               |          |
| Endosulfan I                      | 959-98-8   | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 2.86E-03               | 4.07E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Endosulfan II                     | 33213-65-9 | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 2.86E-03               | 4.07E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Endosulfan Sulfate                | 1031-07-8  | No       | No        | Organics      | Organics      | -                                        | -                   | 6.00E-03        | P       | -                        | -       | 1.00E+00               | 1.79E-03               | 4.23E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.92E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+05                          | 8.72E+04                       | 7.79E+04                                | 7.79E+04               |          |
| Endothall                         | 145-73-3   | No       | No        | Organics      | Organics      | -                                        | -                   | 2.00E-02        | I       | -                        | -       | 1.00E+00               | 2.63E-03               | 1.86E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 8.19E+05                       | 6.13E+05                                | 6.13E+05               |          |
| Endrin                            | 72-20-8    | No       | No        | Organics      | Organics      | -                                        | -                   | 3.00E-04        | I       | -                        | -       | 1.00E+00               | 3.26E-02               | 3.81E+02 | 8.00E-01      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 3.53E+02                       | 3.50E+02                                | 3.50E+02               |          |
| Endrin aldehyde                   | 7421-93-4  | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 1.78E-02               | 3.81E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Endrin ketone                     | 53494-70-5 | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 2.35E-02               | 3.81E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Epichlorohydrin                   | 106-89-8   | No       | Yes       | Organics      | Organics      | 9.90E-03                                 | I                   | 6.00E-03        | P       | 1.00E-03                 | I       | 1.00E+00               | 9.44E-04               | 9.25E+01 | 1.00E+00      | Yes     | 2.27E-01                 | -                              | 1.92E+00                       | 8.60E+04                     | 1.42E+05                  | 5.36E+04                        | -                                 | -                              | 7.30E+05                                | 1.20E+06                          | 4.54E+05                       | 5.36E+04                                |                        |          |
| Epoxylbutane, 1,2-                | 106-88-7   | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | 2.00E-02                 | I       | 1.00E+00               | 2.31E-03               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethanol                           | 64-17-5    | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 5.38E-04               | 4.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethanol, 2-(2-methoxyethoxy)-     | 111-77-3   | No       | No        | Organics      | Organics      | -                                        | -                   | 4.00E-02        | P       | -                        | -       | 1.00E+00               | 5.44E-05               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 1.21E+08                       | 4.68E+06                                | 4.68E+06               |          |
| Ethephon                          | 16672-87-0 | No       | No        | Organics      | Organics      | -                                        | -                   | 5.00E-03        | I       | -                        | -       | 1.00E+00               | 1.73E-04               | 1.45E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 4.07E+06                       | 5.29E+05                                | 5.29E+05               |          |
| Ethion                            | 563-12-2   | No       | No        | Organics      | Organics      | -                                        | -                   | 5.00E-04        | I       | -                        | -       | 1.00E+00               | 2.55E-02               | 3.84E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+04                          | 7.35E+02                       | 7.26E+02                                | 7.26E+02               |          |
| Ethoxy Propanol                   | 52125-53-8 | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 4.09E-04               | 1.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethoxyethanol Acetate, 2-         | 111-15-9   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 1.00E-01        | P       | 6.00E-02                 | P       | 1.00E+00               | 7.00E-04               | 1.32E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 2.18E+07                       | 7.81E+06                                | 7.81E+06               |          |
| Ethoxyethanol, 2-                 | 110-80-5   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 9.00E-02        | P       | 4.00E-02                 | P       | 1.00E+00               | 3.00E-04               | 9.01E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+07                          | 5.75E+07                       | 9.20E+06                                | 9.20E+06               |          |
| Ethyl Acetate                     | 141-78-6   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 7.00E-01        | P       | 7.00E-02                 | P       | 1.00E+00               | 1.53E-03               | 8.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+07                          | 8.87E+07                       | 4.35E+07                                | 4.35E+07               |          |
| Ethyl Acrylate                    | 140-88-5   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 5.00E-03        | P       | 8.00E-03                 | P       | 1.00E+00               | 3.24E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 2.81E+05                       | 1.92E+05                                | 1.92E+05               |          |
| Ethyl Chloride                    | 75-00-3    | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | 4.00E+00                 | P       | 1.00E+00               | 6.07E-03               | 6.45E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethyl Ether                       | 60-29-7    | No       | Yes       | Organics      | Organics      | -                                        | -                   | 2.00E-01        | I       | -                        | -       | 1.00E+00               | 2.35E-03               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 1.77E+07                       | 1.02E+07                                | 1.02E+07               |          |
| Ethyl Methacrylate                | 97-63-2    | No       | Yes       | Organics      | Organics      | -                                        | -                   | -               | -       | 3.00E-01                 | P       | 1.00E+00               | 6.98E-03               | 1.14E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethyl Tertiary Butyl Ether (ETBE) | 637-92-3   | No       | Yes       | Organics      | Organics      | -                                        | -                   | 1.00E+00        | I       | 4.00E+01                 | I       | 1.00E+00               | 7.90E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 2.28E+07                       | 1.92E+07                                | 1.92E+07               |          |
| Ethyl methane sulfonate           | 62-50-0    | No       | No        | Organics      | Organics      | -                                        | -                   | -               | -       | -                        | -       | 1.00E+00               | 2.44E-04               | 1.24E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      | -        |
| Ethyl-p-nitrophenyl Phosphonate   | 2104-64-5  | No       | No        | Organics      | Organics      | -                                        | -                   | 1.00E-05        | I       | -                        | -       | 1.00E+00               | 3.61E-02               | 3.23E+02 | 8.00E-01      | Yes     | -                        | -                              | 3.21E-03                       | 1.89E+04                     | 1.84E+05                  | 1.72E+04                        | -                                 | -                              | -                                       | 1.22E+03                          | 1.54E+01                       | 1.52E+01                                | 1.52E+01               |          |
| Ethylbenzene                      | 100-41-4   | No       | Yes       | Organics      | Organics      | 1.10E-02                                 | C                   | 5.00E-02        | P       | 1.00E+00                 | I       | 1.00E+00               | 4.93E-02               | 1.06E+02 | 1.00E+00      | Yes     | 2.04E-01                 | -</                            |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |          |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                          | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Fluoride                                          | 16984-48-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 4.00E-02        | C       | 1.30E-02                 | C       | 1.00E+00               | 1.00E-03               | 3.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 1.28E+07                       | 3.53E+06                                | 3.53E+06               |
| Fluorine (Soluble Fluoride)                       | 7782-41-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 6.00E-02        | I       | 1.30E-02                 | C       | 1.00E+00               | 1.00E-03               | 3.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+06                          | 1.92E+07                       | 5.29E+06                                | 5.29E+06               |
| Fluorobenzene                                     | 462-06-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.46E-02               | 9.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluorobiphenyl, 2-                                | 321-60-8   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 7.22E-02               | 1.72E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluorophenol, 2-                                  | 367-12-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.04E-03               | 1.12E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Fluridone                                         | 59756-60-4 | No       | No        | Organics      | Organics      | -                                        |                     | 8.00E-02        | I       | -                        |         | 1.00E+00               | 2.80E-03               | 3.29E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.56E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+06                          | 1.36E+06                       | 1.19E+06                                | 1.19E+06               |
| Flurprimidol                                      | 56425-91-3 | No       | No        | Organics      | Organics      | -                                        |                     | 4.00E-02        | O       | -                        |         | 1.00E+00               | 4.59E-03               | 3.12E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 4.62E+05                       | 4.22E+05                                | 4.22E+05               |
| Flusilazole                                       | 85509-19-9 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-03        | O       | -                        |         | 1.00E+00               | 7.66E-03               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 1.36E+04                       | 1.29E+04                                | 1.29E+04               |
| Flutolanil                                        | 66332-96-5 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-01        | O       | -                        |         | 1.00E+00               | 6.91E-03               | 3.23E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+07                          | 3.58E+06                       | 3.38E+06                                | 3.38E+06               |
| Fluvalinate                                       | 69409-94-5 | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | I       | -                        |         | 1.00E+00               | 7.92E-02               | 5.03E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | -                              | 1.22E+06                                | 1.22E+06               |
| Folpet                                            | 133-07-3   | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-02        | O       | -                        |         | 1.00E+00               | 2.66E-03               | 2.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+07                          | 1.79E+06                       | 1.54E+06                                | 1.54E+06               |
| Fomesafen                                         | 72178-02-0 | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | O       | -                        |         | 1.00E+00               | 4.57E-04               | 4.39E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 4.62E+05                       | 3.35E+05                                | 3.35E+05               |
| Fonofos                                           | 944-22-9   | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-03        | I       | -                        |         | 1.00E+00               | 2.70E-02               | 2.46E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 6.01E+03                       | 5.87E+03                                | 5.87E+03               |
| Formaldehyde                                      | 50-00-0    | No       | Yes       | Organics      | Organics      | 2.10E-02                                 | C                   | 2.00E-01        | I       | 9.83E-03                 | A       | 1.00E+00               | 1.82E-03               | 3.00E+01 | 1.00E+00      | Yes     | 1.07E-01                 | -                              | 6.41E+01                       | 4.06E+04                     | 4.49E+04                  | 2.13E+04                        | -                                 | -                              | 2.43E+07                                | 2.69E+07                          | 1.28E+07                       | 2.13E+04                                |                        |
| Formic Acid                                       | 64-18-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | 9.00E-01        | P       | 3.00E-04                 | X       | 1.00E+00               | 3.78E-04               | 4.60E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+08                          | 5.53E+08                       | 9.14E+07                                | 9.14E+07               |
| Fosetyl-AL                                        | 39148-24-8 | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E+00        | O       | -                        |         | 1.00E+00               | 4.10E-07               | 3.54E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+08                          | -                              | 3.04E+08                                | 3.04E+08               |
| Fuel Oil Number 2                                 | 68476-30-2 | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Furan                                             | 110-00-9   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 5.05E-03               | 6.81E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 4.24E+04                       | 3.14E+04                                | 3.14E+04               |
| Furazolidone                                      | 67-45-8    | No       | No        | Organics      | Organics      | 3.80E+00                                 | H                   | -               |         | -                        |         | 1.00E+00               | 8.03E-05               | 2.25E+02 | 1.00E+00      | Yes     | 5.91E-04                 | -                              | -                              | 2.24E+02                     | 1.92E+03                  | 2.01E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.01E+02               |
| Furfural                                          | 98-01-1    | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-03        | I       | 5.00E-02                 | H       | 1.00E+00               | 8.48E-04               | 9.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+05                          | 6.57E+05                       | 2.35E+05                                | 2.35E+05               |
| Furium                                            | 531-82-8   | No       | No        | Organics      | Organics      | 1.50E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 9.35E-04               | 2.53E+02 | 1.00E+00      | Yes     | 1.50E-03                 | -                              | -                              | 5.68E+02                     | 3.49E+02                  | 2.16E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.16E+02               |
| Furmecyclox                                       | 60568-05-0 | No       | No        | Organics      | Organics      | 3.00E-02                                 | I                   | -               |         | -                        |         | 1.00E+00               | 4.99E-02               | 2.51E+02 | 9.00E-01      | Yes     | 7.48E-02                 | -                              | -                              | 2.84E+04                     | 3.68E+02                  | 3.63E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.63E+02               |
| Gadolinium                                        | 7440-54-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Gallium                                           | 7440-55-3  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 6.97E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Germanium                                         | 7440-56-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 7.26E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Glufosinate, Ammonium                             | 77182-82-2 | No       | No        | Organics      | Organics      | -                                        |                     | 6.00E-03        | O       | -                        |         | 1.00E+00               | 3.42E-08               | 1.98E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+05                          | -                              | 7.30E+05                                | 7.30E+05               |
| Glutaraldehyde                                    | 111-30-8   | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-01        | A       | 8.00E-05                 | C       | 1.00E+00               | 3.25E-04               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 5.59E+07                       | 9.99E+06                                | 9.99E+06               |
| Glycerol                                          | 56-81-5    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.22E-05               | 9.21E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Glycidaldehyde                                    | 765-34-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | 4.00E-04        | I       | 1.00E-03                 | X       | 1.00E+00               | 5.16E-04               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+04                          | 1.62E+05                       | 3.74E+04                                | 3.74E+04               |
| Glyphosate                                        | 1071-83-6  | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-01        | I       | -                        |         | 1.00E+00               | 4.54E-08               | 1.69E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | -                              | 1.22E+07                                | 1.22E+07               |
| Guanidine                                         | 113-00-8   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-02        | X       | -                        |         | 1.00E+00               | 6.03E-05               | 5.91E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 3.67E+07                       | 1.18E+06                                | 1.18E+06               |
| Guanidine Chloride                                | 50-01-1    | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-02        | P       | -                        |         | 1.00E+00               | 3.86E-08               | 9.55E+01 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | -                              | 2.43E+06                                | 2.43E+06               |
| Guanidine Nitrate                                 | 506-93-4   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | X       | -                        |         | 1.00E+00               | 2.65E-08               | 1.22E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | -                              | 3.65E+06                                | 3.65E+06               |
| Halooacetic acids                                 | NA         | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Haloxypop, Methyl                                 | 69806-40-2 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-05        | I       | -                        |         | 1.00E+00               | 6.00E-03               | 3.76E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+03                          | 2.94E+02                       | 2.80E+02                                | 2.80E+02               |
| Heptachlor                                        | 76-44-8    | No       | Yes       | Organics      | Organics      | 4.50E+00                                 | I                   | 1.00E-04        | A       | -                        |         | 1.00E+00               | 1.43E-01               | 3.73E+02 | 8.00E-01      | Yes     | 4.99E-04                 | -                              | 3.21E-02                       | 1.89E+02                     | 4.38E-01                  | 4.37E-01                        | -                                 | -                              | -                                       | 1.22E+04                          | 2.82E+01                       | 2.81E+01                                | 4.37E-01               |
| Heptachlor Epoxide                                | 1024-57-3  | No       | Yes       | Organics      | Organics      | 9.10E+00                                 | I                   | 1.30E-05        | I       | -                        |         | 1.00E+00               | 2.09E-02               | 3.89E+02 | 8.00E-01      | Yes     | 2.47E-04                 | -                              | 4.17E-03                       | 9.36E+01                     | 1.34E+00                  | 1.32E+00                        | -                                 | -                              | -                                       | 1.58E+03                          | 2.26E+01                       | 2.23E+01                                | 1.32E+00               |
| Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)   | 39635-31-9 | No       | Yes       | Organics      | Organics      | 3.90E+00                                 | W                   | 2.33E-05        | W       | 1.33E-03                 | W       | 1.00E+00               | 2.96E+00               | 3.95E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+02                     | -                         | 2.18E+02                        | -                                 | -                              | -                                       | 2.84E+03                          | -                              | 2.84E+03                                | 2.18E+02               |
| Heptachlorodibenzofuran, 1,2,3,4,6,7,8-           | 67562-39-4 | No       | Yes       | Organics      | Organics      | 1.30E+03                                 | W                   | 7.00E-08        | W       | 4.00E-06                 | W       | 1.00E+00               | 1.45E+00               | 4.09E+02 | 0.00E+00      | No      | -                        | -                              | 6.55E-01                       | -                            | -                         | 6.55E-01                        | -                                 | -                              | -                                       | 8.52E+00                          | -                              | 8.52E+00                                | 6.55E-01               |
| Heptanal, n-                                      | 111-71-7   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E-03                 | X       | 1.00E+00               | 1.19E-02               | 1.14E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Heptane, N-                                       | 142-82-5   | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-04        | X       | 4.00E-01                 | P       | 1.00E+00               | 5.37E-01               | 1.00E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | -                              | 3.65E+04                                | 3.65E+04               |
| Heptanol, n-                                      | 111-70-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.92E-02               | 1.16E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hexabromobenzene                                  | 87-82-1    | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-03        | I       | -                        |         | 1.00E+00               | 1.36E-02               | 5.51E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | -                              | 2.43E+05                                | 2.43E+05               |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) | 68631-49-2 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-04        | I       | -                        |         | 1.00E+00               | -                      | 6.44E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | -                              | 2.43E+04                                | 2.43E+04               |
| Hexachlorobenzene                                 | 118-74-1   | No       | Yes       | Organics      | Organics      | 1.60E+00                                 | I                   | 1.00E-05        | P       | -                        |         | 1.00E+00               | 2.54E-01               | 2.85E+02 | 9.00E-01      | No      | -                        | -                              | -                              | 5.32E+02                     | -                         | 5.32E+02                        | -                                 | -                              | -                                       | 1.22E+03                          | -                              | 1.22E+03                                | 5.32E+02               |
| Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)      | 52663-72-6 | No       | Yes       | Organics      | Organics      | 3.90E+00                                 | W                   | 2.33E-05        | W       | 1.33E-03                 | W       | 1.00E+00               | 1.43E+00               | 3.61E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+02                     | -                         | 2.18E+02                        | -                                 | -                              | -                                       | 2.84E+03                          | -                              | 2.84E+03                                | 2.18E+02               |
| Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)     | 69782-90-7 | No       | Yes       | Organics      | Organics      | 3.90E+00                                 | W                   | 2.33E-05        | W       | 1.33E-03                 | W       | 1.00E+00               | 1.66E+00               | 3.61E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+02                     | -                         | 2.18E+02                        | -                                 | -                              | -                                       | 2.84E+03                          | -                              | 2.84E+03                                | 2.18E+02               |
| Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)     | 38380-08-4 | No       | Yes       | Organics      | Organics      | 3.90E+00                                 | W                   | 2.33E-05        | W       | 1.33E-03                 | W       | 1.00E+00               | 1.66E+00               | 3.61E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+02                     | -                         | 2.18E+02                        | -                                 | -                              | -                                       | 2.84E+03                          | -                              | 2.84E+03                                |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                  | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Hexanedioic Acid                          | 124-04-9   | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E+00        | P       | -                        |         | 1.00E+00               | 2.68E-04               | 1.46E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 1.04E+09                       | 1.97E+08                                | 1.97E+08               |
| Hexanol, 1-,2-ethyl-, (2-Ethyl-1-hexanol) | 104-76-7   | No       | Yes       | Organics      | Organics      | 9.50E-03                                 | P                   | 7.00E-02        | P       | 4.00E-04                 | P       | 1.00E+00               | 1.90E-02               | 1.30E+02 | 1.00E+00      | Yes     | 2.36E-01                 | -                              | 2.24E+01                       | 8.96E+04                     | 5.99E+03                  | 5.61E+03                        | -                                 | -                              | 5.69E+05                                | 5.33E+05                          | 5.33E+05                       | 5.61E+03                                |                        |
| Hexanol, n-                               | 111-27-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 9.35E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hexanone, 2-                              | 591-78-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-03        | I       | 3.00E-02                 | I       | 1.00E+00               | 3.55E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 2.56E+05                       | 1.80E+05                                | 1.80E+05               |
| Hexazinone                                | 51235-04-2 | No       | No        | Organics      | Organics      | -                                        |                     | 3.30E-02        | I       | -                        |         | 1.00E+00               | 1.02E-03               | 2.52E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.06E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.02E+06                          | 2.27E+06                       | 1.45E+06                                | 1.45E+06               |
| Hexythiazox                               | 78587-05-0 | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E-02        | I       | -                        |         | 1.00E+00               | 8.28E-02               | 3.53E+02 | 8.00E-01      | Yes     | -                        | -                              | 8.01E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+06                          | 1.39E+04                       | 1.38E+04                                | 1.38E+04               |
| HpCDD, 1,2,3,4,6,7,8,-                    | 35822-46-9 | No       | Yes       | Organics      | Organics      | 1.30E+03                                 | W                   | 7.00E-08        | W       | 4.00E-06                 | W       | 1.00E+00               | 1.33E+00               | 4.25E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-01                     | -                         | 6.55E-01                        | -                                 | -                              | -                                       | 8.52E+00                          | -                              | 8.52E+00                                | 6.55E-01               |
| HpCDF, 1,2,3,4,7,8,9-                     | 55673-89-7 | No       | Yes       | Organics      | Organics      | 1.30E+03                                 | W                   | 7.00E-08        | W       | 4.00E-06                 | W       | 1.00E+00               | 1.45E+00               | 4.09E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-01                     | -                         | 6.55E-01                        | -                                 | -                              | -                                       | 8.52E+00                          | -                              | 8.52E+00                                | 6.55E-01               |
| HxCDD, 1,2,3,6,7,8-                       | 57653-85-7 | No       | No        | Organics      | Organics      | 1.30E+04                                 | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.86E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| HxCDD, 1,2,3,7,8,9-                       | 19408-74-3 | No       | No        | Organics      | Organics      | 1.30E+04                                 | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.86E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| HxCDF, 1,2,3,6,7,8-                       | 57117-44-9 | No       | Yes       | Organics      | Organics      | 1.30E+04                                 | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.25E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| HxCDF, 1,2,3,7,8,9-                       | 72918-21-9 | No       | No        | Organics      | Organics      | 1.30E+04                                 | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 1.35E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| HxCDF, 2,3,4,6,7,8-                       | 60851-34-5 | No       | No        | Organics      | Organics      | 1.30E+04                                 | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 2.25E+00               | 3.75E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| Hydramethylnon                            | 67485-29-4 | No       | No        | Organics      | Organics      | -                                        |                     | 1.70E-02        | O       | -                        |         | 1.00E+00               | 9.02E-05               | 4.94E+02 | 1.00E+00      | Yes     | -                        | -                              | 5.45E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.07E+06                          | 2.78E+06                       | 1.19E+06                                | 1.19E+06               |
| Hydrazine                                 | 302-01-2   | No       | Yes       | Inorganics    | Inorganics    | 3.00E+00                                 | I                   | -               |         | 3.00E-05                 | P       | 1.00E+00               | 4.36E-05               | 3.20E+01 | 1.00E+00      | Yes     | 7.48E-04                 | -                              | -                              | 2.84E+02                     | 1.71E+04                  | 2.79E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.79E+02               |
| Hydrazine Sulfate                         | 10034-93-2 | No       | No        | Inorganics    | Inorganics    | 3.00E+00                                 | I                   | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.28E+02 | 1.00E+00      | Yes     | 7.48E-04                 | -                              | -                              | 2.84E+02                     | 7.48E+02                  | 2.06E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.06E+02               |
| Hydrogen Chloride                         | 7647-01-0  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | -               |         | 2.00E-02                 | I       | 1.00E+00               | 1.00E-03               | 3.55E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | 1.00E+00                     | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Cyanide                          | 74-90-8    | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | 6.00E-04        | I       | 8.00E-04                 | I       | 1.00E+00               | 1.00E-03               | 2.70E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.92E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+04                          | 1.92E+05                       | 5.29E+04                                | 5.29E+04               |
| Hydrogen Fluoride                         | 7664-39-3  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | 4.00E-02        | C       | 1.40E-02                 | C       | 1.00E+00               | 1.00E-03               | 2.00E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 1.28E+07                       | 3.53E+06                                | 3.53E+06               |
| Hydrogen Selenide                         | 7783-07-5  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.10E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Sulfate                          | 12143-45-2 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydrogen Sulfide                          | 7783-06-4  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | -               |         | 2.00E-03                 | I       | 1.00E+00               | 1.00E-03               | 3.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Hydroquinone                              | 123-31-9   | No       | No        | Organics      | Organics      | 6.00E-02                                 | P                   | 4.00E-02        | P       | -                        |         | 1.00E+00               | 9.31E-04               | 1.10E+02 | 1.00E+00      | Yes     | 3.74E-02                 | -                              | 1.28E+01                       | 1.42E+04                     | 2.20E+04                  | 8.63E+03                        | -                                 | -                              | 4.87E+06                                | 7.56E+06                          | 2.96E+06                       | 8.63E+03                                |                        |
| Imazalil                                  | 35554-44-0 | No       | No        | Organics      | Organics      | 6.11E-02                                 | O                   | 1.08E-01        | O       | -                        |         | 1.00E+00               | 1.16E-02               | 2.97E+02 | 9.00E-01      | Yes     | 3.67E-02                 | -                              | 3.46E+01                       | 1.39E+04                     | 5.78E+02                  | 5.55E+02                        | -                                 | -                              | -                                       | 1.31E+07                          | 5.45E+05                       | 5.23E+05                                | 5.55E+02               |
| Imazaquin                                 | 81335-37-7 | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E-01        | I       | -                        |         | 1.00E+00               | 4.83E-04               | 3.11E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+07                          | 2.49E+07                       | 1.37E+07                                | 1.37E+07               |
| Imazethapyr                               | 81335-77-5 | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E+00        | O       | -                        |         | 1.00E+00               | 2.00E-03               | 2.89E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+08                          | 6.92E+07                       | 5.64E+07                                | 5.64E+07               |
| Indeno[1,2,3-cd]pyrene                    | 193-39-5   | Yes      | No        | Organics      | Organics      | 1.00E-01                                 | E                   | -               |         | -                        |         | 1.00E+00               | 1.24E+00               | 2.76E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 2.84E+03                     | -                         | 2.84E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.84E+03               |
| Indium                                    | 7440-74-6  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.15E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodide                                    | 20461-54-5 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.27E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodine                                    | 7553-56-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E-02        | A       | -                        |         | 1.00E+00               | 1.00E-03               | 2.54E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 3.21E+06                       | 8.82E+05                                | 8.82E+05               |
| Iodomethane                               | 74-88-4    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.52E-03               | 1.42E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iodopropynyl Butylcarbamate (IPBC)        | 55406-53-6 | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.77E-03               | 2.81E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Iprodione                                 | 36734-19-7 | No       | No        | Organics      | Organics      | -                                        |                     | 4.00E-02        | I       | -                        |         | 1.00E+00               | 2.17E-03               | 3.30E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.28E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+06                          | 8.72E+05                       | 7.39E+05                                | 7.39E+05               |
| Iron                                      | 7439-89-6  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 7.00E-01        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 5.58E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+07                          | 2.24E+08                       | 6.17E+07                                | 6.17E+07               |
| Iron Sulfide                              | 11126-12-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isobutyl Alcohol                          | 78-83-1    | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-01        | I       | 4.00E-01                 | X       | 1.00E+00               | 1.92E-03               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+07                          | 3.24E+07                       | 1.72E+07                                | 1.72E+07               |
| Isodrin                                   | 465-73-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.93E-01               | 3.65E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isophorone                                | 78-59-1    | No       | No        | Organics      | Organics      | 9.50E-04                                 | I                   | 2.00E-01        | I       | 2.00E+00                 | C       | 1.00E+00               | 3.54E-03               | 1.38E+02 | 1.00E+00      | Yes     | 2.36E+00                 | -                              | 6.41E+01                       | 8.96E+05                     | 3.05E+05                  | 2.28E+05                        | -                                 | -                              | 2.43E+07                                | 8.29E+06                          | 6.18E+06                       | 2.28E+05                                |                        |
| Isopropalin                               | 33820-53-0 | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.50E-02        | I       | -                        |         | 1.00E+00               | 2.07E-01               | 3.09E+02 | 8.00E-01      | Yes     | -                        | -                              | 4.81E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.83E+06                          | 4.41E+03                       | 4.40E+03                                | 4.40E+03               |
| Isopropanol                               | 67-63-0    | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E+00        | P       | 2.00E-01                 | P       | 1.00E+00               | 7.78E-04               | 6.01E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 5.66E+08                       | 1.70E+08                                | 1.70E+08               |
| Isopropyl Methyl Phosphonic Acid          | 1832-54-8  | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.96E-04               | 1.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 3.71E+07                       | 9.16E+06                                | 9.16E+06               |
| Isopropyltoluene, p-                      | 99-87-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.47E-01               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isosafrole                                | 120-58-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.34E-02               | 1.62E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Isoxaben                                  | 82558-50-7 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 8.87E-03               | 3.32E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 2.63E+05                       | 2.52E+05                                | 2.52E+05               |
| Jet propulsion fuel 4 (JP-4)              | 50815-00-4 | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 5 (JP-5)              | NA         | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 7 (JP-7)              | NA         | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E-01                 | A       | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Jet propulsion fuel 8 (JP-8)              | NA         | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Kerosene                                  | 8008-20-6  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -</                    |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                        | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|-------------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Maleic Hydrazide                                | 123-33-1   | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-01        | I       | -                        |         | 1.00E+00               | 1.02E-04               | 1.12E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+07                          | 8.51E+08                       | 5.68E+07                                | 5.68E+07               |
|                                                 | 109-77-3   | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-04        | P       | -                        |         | 1.00E+00               | 2.66E-04               | 6.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 8.07E+04                       | 1.06E+04                                | 1.06E+04               |
| Mancozeb                                        | 8018-01-7  | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | H       | -                        |         | 1.00E+00               | 7.71E-04               | 5.41E+02 | 9.00E-01      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 4.72E+05                       | 4.18E+05                                | 4.18E+05               |
| Maneb                                           | 12427-38-2 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-03        | I       | -                        |         | 1.00E+00               | 7.71E-04               | 2.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 3.45E+05                       | 2.20E+05                                | 2.20E+05               |
| Manganese (Non-diet)                            | 7439-96-5  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 2.40E-02        | G       | 5.00E-05                 | I       | 4.00E-02               | 1.00E-03               | 5.49E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.08E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.92E+06                          | 3.08E+05                       | 2.78E+05                                | 2.78E+05               |
| Mechlorethamine                                 | 51-75-2    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         |                          |         | 1.00E+00               | 1.07E-03               | 1.56E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Mephosfolan                                     | 950-10-7   | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-05        | H       | -                        |         | 1.00E+00               | 2.37E-04               | 2.69E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.89E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+04                          | 2.39E+04                       | 7.51E+03                                | 7.51E+03               |
| Mepiquat Chloride                               | 24307-26-4 | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 3.03E-06               | 1.50E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | -                              | 3.65E+06                                | 3.65E+06               |
| Mercaptobenzothiazole, 2-                       | 149-30-4   | No       | No        | Organics      | Organics      | 1.10E-02                                 | P                   | 4.00E-03        | P       | -                        |         | 1.00E+00               | 7.32E-03               | 1.67E+02 | 1.00E+00      | Yes     | 2.04E-01                 | -                              | 1.28E+00                       | 7.74E+04                     | 1.06E+04                  | 9.31E+03                        | -                                 | -                              | 4.87E+05                                | 6.65E+04                          | 5.85E+04                       | 9.31E+03                                |                        |
| Mercuric Chloride                               | 7487-94-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 3.00E-04        | I       | 3.00E-04                 | G       | 7.00E-02               | 1.00E-03               | 2.72E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.73E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 6.73E+03                       | 5.68E+03                                | 5.68E+03               |
| Mercury (elemental)                             | 7439-97-6  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                     | -               |         | 3.00E-04                 | I       | 1.00E+00               | 1.00E-03               | 2.01E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Merphos                                         | 150-50-5   | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-05        | I       | -                        |         | 1.00E+00               | 4.15E+00               | 2.99E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+03                          | -                              | 3.65E+03                                | 3.65E+03               |
| Metalaxyl                                       | 57837-19-1 | No       | No        | Organics      | Organics      | -                                        |                     | 6.00E-02        | I       | -                        |         | 1.00E+00               | 5.80E-04               | 2.79E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+06                          | 6.11E+06                       | 3.33E+06                                | 3.33E+06               |
| Methacrylonitrile                               | 126-98-7   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-04        | I       | 3.00E-02                 | P       | 1.00E+00               | 6.71E+01               | 1.00E+00 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 1.15E+04                       | 5.92E+03                                | 5.92E+03               |
| Methamidophos                                   | 10265-92-6 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-05        | I       | -                        |         | 1.00E+00               | 7.44E-05               | 1.41E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+03                          | 9.68E+04                       | 5.72E+03                                | 5.72E+03               |
| Methanol                                        | 67-56-1    | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E+00        | I       | 2.00E+01                 | I       | 1.00E+00               | 3.19E-04               | 3.20E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 1.53E+09                       | 2.10E+08                                | 2.10E+08               |
| Methapyrriene                                   | 91-80-5    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 4.32E-03               | 2.61E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methidathion                                    | 950-37-8   | No       | No        | Organics      | Organics      | -                                        |                     | 1.50E-03        | O       | -                        |         | 1.00E+00               | 9.13E-04               | 3.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.81E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.83E+05                          | 8.37E+04                       | 5.74E+04                                | 5.74E+04               |
| Methomyl                                        | 16752-77-5 | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E-02        | I       | -                        |         | 1.00E+00               | 4.82E-04               | 1.62E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+06                          | 6.52E+06                       | 2.07E+06                                | 2.07E+06               |
| Methoxy-5-nitroaniline, 2-                      | 99-59-2    | No       | No        | Organics      | Organics      | 4.90E-02                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.69E-03               | 1.68E+02 | 1.00E+00      | Yes     | 4.58E-02                 | -                              | -                              | 1.74E+04                     | 1.02E+04                  | 6.44E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.44E+03               |
| Methoxychlor                                    | 72-43-5    | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-03        | I       | -                        |         | 1.00E+00               | 4.28E-02               | 3.46E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 5.62E+03                       | 5.57E+03                                | 5.57E+03               |
| Methoxyethanol Acetate, 2-                      | 110-49-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | 8.00E-03        | P       | 1.00E-03                 | P       | 1.00E+00               | 3.96E-04               | 1.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+05                          | 3.37E+06                       | 7.55E+05                                | 7.55E+05               |
| Methoxyethanol, 2-                              | 109-86-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-03        | P       | 7.00E-03                 | P       | 1.00E+00               | 1.80E-04               | 7.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 5.71E+06                       | 5.50E+05                                | 5.50E+05               |
| Methyl Acetate                                  | 79-20-9    | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E+00        | X       | -                        |         | 1.00E+00               | 7.92E-04               | 7.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 2.62E+08                       | 8.31E+07                                | 8.31E+07               |
| Methyl Acrylate                                 | 96-33-3    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 2.00E-02                 | P       | 1.00E+00               | 1.75E-03               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Ethyl Ketone (2-Butanone)                | 78-93-3    | No       | Yes       | Organics      | Organics      | -                                        |                     | 6.00E-01        | I       | 5.00E+00                 | I       | 1.00E+00               | 9.62E-04               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+07                          | 1.31E+08                       | 4.68E+07                                | 4.68E+07               |
| Methyl Hydrazine                                | 60-34-4    | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | P       | 2.00E-05                 | X       | 1.00E+00               | 1.73E-04               | 4.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 1.34E+06                       | 1.12E+05                                | 1.12E+05               |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone)   | 108-10-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E+00                 | I       | 1.00E+00               | 3.19E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Isocyanate                               | 624-83-9   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 1.00E-03                 | C       | 1.00E+00               | 2.50E-03               | 5.71E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Mercaptan                                | 74-93-1    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.76E-03               | 4.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl Mercury                                  | 22967-92-6 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 2.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 3.21E+04                       | 8.82E+03                                | 8.82E+03               |
| Methyl Methacrylate                             | 80-62-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.40E+00        | I       | 7.00E-01                 | I       | 1.00E+00               | 3.55E-03               | 1.00E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.49E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.70E+08                          | 7.18E+07                       | 5.05E+07                                | 5.05E+07               |
| Methyl Parathion                                | 298-00-0   | No       | No        | Organics      | Organics      | -                                        |                     | 2.50E-04        | I       | -                        |         | 1.00E+00               | 4.16E-03               | 2.63E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+04                          | 3.94E+03                       | 3.49E+03                                | 3.49E+03               |
| Methyl Phosphonic Acid                          | 993-13-5   | No       | No        | Organics      | Organics      | -                                        |                     | 6.00E-02        | X       | -                        |         | 1.00E+00               | 9.84E-05               | 9.60E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+06                          | 1.13E+08                       | 6.86E+06                                | 6.86E+06               |
| Methyl Styrene (Mixed Isomers)                  | 25013-15-4 | No       | Yes       | Organics      | Organics      | -                                        |                     | 6.00E-03        | H       | 4.00E-02                 | H       | 1.00E+00               | 6.60E-02               | 3.55E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.92E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+05                          | 4.13E+03                       | 4.11E+03                                | 4.11E+03               |
| Methyl dicyclohexylamine, n-                    | 7560-83-0  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.67E-02               | 1.95E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl methanesulfonate                         | 66-27-3    | No       | No        | Organics      | Organics      | 9.90E-02                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.38E-04               | 1.10E+02 | 1.00E+00      | Yes     | 2.27E-02                 | -                              | -                              | 8.60E+03                     | 9.01E+04                  | 7.85E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 7.85E+03               |
| Methyl tert-Butyl Ether (MTBE)                  | 1634-04-4  | No       | Yes       | Organics      | Organics      | 1.80E-03                                 | C                   | -               |         | 3.00E+00                 | I       | 1.00E+00               | 2.11E-03               | 8.82E+01 | 1.00E+00      | Yes     | 1.25E+00                 | -                              | -                              | 4.73E+05                     | 3.57E+05                  | 2.04E+05                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.04E+05               |
| Methyl-1,4-benzenediamine dihydrochloride, 2-   | 615-45-2   | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-04        | X       | -                        |         | 1.00E+00               | 5.39E-06               | 1.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 5.66E+06                       | 3.63E+04                                | 3.63E+04               |
| Methyl-2-Pentanol, 4-                           | 108-11-2   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E+00                 | X       | 1.00E+00               | 5.44E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methyl-5-Nitroaniline, 2-                       | 99-55-8    | No       | No        | Organics      | Organics      | 9.00E-03                                 | P                   | 2.00E-02        | X       | -                        |         | 1.00E+00               | 3.84E-03               | 1.52E+02 | 1.00E+00      | Yes     | 2.49E-01                 | -                              | 6.41E+00                       | 9.46E+04                     | 2.72E+04                  | 2.11E+04                        | -                                 | -                              | 2.43E+06                                | 6.98E+05                          | 5.43E+05                       | 2.11E+04                                |                        |
| Methyl-N-nitro-N-nitrosoguanidine, N-           | 70-25-7    | No       | No        | Organics      | Organics      | 8.30E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 5.72E-05               | 1.47E+02 | 1.00E+00      | Yes     | 2.70E-04                 | -                              | 1.03E+02                       | 2.04E+03                     | 9.77E+01                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 9.77E+01               |
| Methylaniline Hydrochloride, 2-                 | 636-21-5   | No       | No        | Organics      | Organics      | 1.30E-01                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.05E-05               | 1.44E+02 | 1.00E+00      | Yes     | 1.73E-02                 | -                              | -                              | 6.55E+03                     | 7.27E+05                  | 6.49E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 6.49E+03               |
| Methylarsonic acid                              | 124-58-3   | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | A       | -                        |         | 1.00E+00               | 4.19E-05               | 1.40E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 3.46E+07                       | 1.18E+06                                | 1.18E+06               |
| Methylaziridine, 2-                             | 75-55-8    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.99E-04               | 5.71E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Methylbenzene,1,4-diamine monohydrochloride, 2- | 74612-12-7 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-04        | X       | -                        |         | 1.00E+00               | -                      | 1.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | -                              | 2.43E+04                                | 2.43E+04               |
| Methylbenzene-1,4-diamine sulfate, 2-           | 615-50-9   | No       | No        | Organics      | Organics      | 1.00E-01                                 | X                   | 3.00E-04        | X       | -                        |         | 1.00E+00               | -                      | 2.20E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 8.52E+03                     | -                         | 8.52E+03                        | -                                 | -                              | -                                       | 3.65E+04                          | -                              | 3.65E+04                                | 8.52E+03               |
| Methylcholanthrene, 3-                          | 56-49-5    | Yes      | No        | Organics      | Organics      | 2.20E+01                                 | C                   | -               | -       | -                        |         | 1.00E+00               | 9.03E-01               | 2.68E+02 | 8.00E-01      | No      | -                        | -                              | 1.29E+01                       | -                            | -                         | 1.29                            |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>p</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (co) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Mirex                                       | 2385-85-5  | No       | Yes       | Organics      | Organics      | 1.80E+01                                 | C                    | 2.00E-04        | I       | -                        |         | 1.00E+00               | 5.16E-02               | 5.46E+02 | 5.00E-01      | No      | -                        | -                              | -                              | 4.73E+01                     | -                         | 4.73E+01                        | -                                 | -                              | -                                       | 2.43E+04                          | -                              | 2.43E+04                                | 4.73E+01               |
| Molinate                                    | 2212-67-1  | No       | No        | Organics      | Organics      | -                                        |                      | 2.00E-03        | I       | -                        |         | 1.00E+00               | 1.89E-02               | 1.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 1.13E+04                       | 1.08E+04                                | 1.08E+04               |
| Molybdenum                                  | 7439-98-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 5.00E-03        | I       | 2.00E-03                 | A       | 1.00E+00               | 1.00E-03               | 9.59E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.60E+06                       | 4.41E+05                                | 4.41E+05               |
| Monoaluminum phosphate                      | 13530-50-2 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.18E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monoammonium phosphate                      | 7722-76-1  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.15E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monobutyltin Compounds                      | NA         | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monocalcium phosphate                       | 7758-23-8  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.34E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monochloramine                              | 10599-90-3 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 5.15E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 3.21E+07                       | 8.82E+06                                | 8.82E+06               |
| Monochlorobutanes                           | 25154-42-1 | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monocyclic aromatic hydrocarbons (total)    | NA         | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monomagnesium phosphate                     | 7757-86-0  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Monomethylaniline                           | 100-61-8   | No       | No        | Organics      | Organics      | -                                        |                      | 2.00E-03        | P       | -                        |         | 1.00E+00               | 4.98E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 7.20E+04                       | 5.55E+04                                | 5.55E+04               |
| Monopotassium phosphate                     | 7778-77-0  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.36E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Monosodium phosphate                        | 7558-80-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Myclobutanil                                | 88671-89-0 | No       | No        | Organics      | Organics      | -                                        |                      | 2.50E-02        | I       | -                        |         | 1.00E+00               | 3.37E-03               | 2.75E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+06                          | 4.51E+05                       | 3.93E+05                                | 3.93E+05               |
| N,N'-Diphenyl-1,4-benzenediamine            | 74-31-7    | No       | No        | Organics      | Organics      | -                                        |                      | 3.00E-04        | X       | -                        |         | 1.00E+00               | 2.62E-02               | 2.60E+02 | 9.00E-01      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 8.49E+02                       | 8.30E+02                                | 8.30E+02               |
| N-Methyl dithiocarbamate                    | 137-42-8   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 5.32E-06               | 1.29E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naled                                       | 300-76-5   | No       | Yes       | Organics      | Organics      | -                                        |                      | 2.00E-03        | I       | -                        |         | 1.00E+00               | 9.44E-05               | 3.81E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 6.51E+05                       | 1.77E+05                                | 1.77E+05               |
| Naphtha, High Flash Aromatic (HFAN)         | 64742-95-6 | No       | Yes       | Organics      | Organics      | -                                        |                      | 3.00E-02        | X       | 1.00E-01                 | P       | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | -                              | 3.65E+06                                | 3.65E+06               |
| Naphthalene                                 | 91-20-3    | No       | Yes       | Organics      | Organics      | 1.20E-01                                 | C                    | 2.00E-02        | I       | 3.00E-03                 | I       | 1.00E+00               | 4.66E-02               | 1.28E+02 | 1.00E+00      | Yes     | 1.87E-02                 | -                              | 6.41E+00                       | 7.10E+03                     | 1.96E+02                  | 1.91E+02                        | -                                 | -                              | -                                       | 2.43E+06                          | 6.72E+04                       | 6.54E+04                                | 1.91E+02               |
| Naphthol, 2-                                | 135-19-3   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.88E-02               | 1.44E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthoquinone, 1,4-                        | 130-15-4   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 2.78E-03               | 1.58E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthylamine, 1-                           | 134-32-7   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 7.70E-03               | 1.43E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Naphthylamine, 2-                           | 91-59-8    | No       | No        | Organics      | Organics      | 1.80E+00                                 | C                    | -               |         | -                        |         | 1.00E+00               | 8.07E-03               | 1.43E+02 | 1.00E+00      | Yes     | 1.25E-03                 | -                              | -                              | 4.73E+02                     | 6.85E+01                  | 5.98E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 5.98E+01               |
| Napropamide                                 | 15299-99-7 | No       | No        | Organics      | Organics      | -                                        |                      | 1.20E-01        | O       | -                        |         | 1.00E+00               | 8.04E-03               | 2.71E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.85E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.46E+07                          | 1.03E+06                       | 9.63E+05                                | 9.63E+05               |
| Neodymium Chloride (Stable, Nonradioactive) | 10024-93-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.51E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Niagara Blue 4B                             | 2429-74-5  | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 3.69E-07               | 9.93E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nickel Acetate                              | 373-02-4   | No       | No        | Organics      | Organics      | -                                        |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | 1.94E-05               | 1.77E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.53E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | 6.49E+07                       | 1.31E+06                                | 1.31E+06               |
| Nickel Carbonate                            | 3333-67-3  | No       | No        | Organics      | Organics      | -                                        |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | 1.32E-05               | 1.19E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.53E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | 1.39E+08                       | 1.33E+06                                | 1.33E+06               |
| Nickel Carbonyl                             | 13463-39-3 | No       | Yes       | Organics      | Organics      | -                                        |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | -                      | 1.71E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | -                              | 1.34E+06                                | 1.34E+06               |
| Nickel Hydroxide                            | 12054-48-7 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 4.00E-02               | 1.00E-03               | 9.27E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | 1.41E+05                       | 1.28E+05                                | 1.28E+05               |
| Nickel Oxide                                | 1313-99-1  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.10E-02        | C       | 2.00E-05                 | C       | 4.00E-02               | 1.00E-03               | 7.47E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | 1.41E+05                       | 1.28E+05                                | 1.28E+05               |
| Nickel Refinery Dust                        | NA         | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.10E-02        | C       | 1.40E-05                 | C       | 4.00E-02               | 2.00E-04               | -        | 0.00E+00      | Yes     | -                        | -                              | 1.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.34E+06                          | 7.05E+05                       | 4.62E+05                                | 4.62E+05               |
| Nickel Soluble Salts                        | 7440-02-0  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 2.00E-02        | I       | 9.00E-05                 | A       | 4.00E-02               | 2.00E-04               | 5.87E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 1.28E+06                       | 8.40E+05                                | 8.40E+05               |
| Nickel Sulfide                              | 12035-72-2 | No       | No        | Inorganics    | Inorganics    | 1.70E+00                                 | C                    | 1.10E-02        | C       | 1.40E-05                 | C       | 4.00E-02               | 2.00E-04               | 2.40E+02 | 1.00E+00      | Yes     | 5.28E-05                 | -                              | 1.41E-01                       | 5.01E+02                     | 2.64E+02                  | 1.73E+02                        | -                                 | -                              | -                                       | 1.34E+06                          | 7.05E+05                       | 4.62E+05                                | 1.73E+02               |
| Nickelocene                                 | 1271-28-9  | No       | No        | Organics      | Organics      | 9.10E-01                                 | C                    | 1.10E-02        | C       | 1.40E-05                 | C       | 1.00E+00               | -                      | 1.89E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 9.36E+02                     | -                         | 9.36E+02                        | -                                 | -                              | -                                       | 1.34E+06                          | -                              | 1.34E+06                                | 9.36E+02               |
| Nicotinonitrile                             | 100-54-9   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 7.08E-04               | 1.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Niobium                                     | 7440-03-1  | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 9.29E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitrate (measured as nitrogen)              | 14797-55-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.60E+00        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 6.20E+01 | 1.00E+00      | Yes     | -                        | -                              | 5.13E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.95E+08                          | 5.13E+08                       | 1.41E+08                                | 1.41E+08               |
| Nitrate + Nitrite (measured as nitrogen)    | NA         | No       | No        | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitric Acid                                 | 7697-37-2  | No       | Yes       | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 6.30E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitric Oxide                                | 10102-43-9 | No       | Yes       | Inorganics    | Inorganics    | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.10E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitrite (measured as nitrogen)              | 14797-65-0 | No       | No        | Inorganics    | Inorganics    | -                                        |                      | 1.00E-01        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 4.70E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 3.21E+07                       | 8.82E+06                                | 8.82E+06               |
| Nitroaniline, 2-                            | 88-74-4    | No       | No        | Organics      | Organics      | -                                        |                      | 1.00E-02        | X       | 5.00E-05                 | X       | 1.00E+00               | 4.46E-03               | 1.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 3.29E+05                       | 2.59E+05                                | 2.59E+05               |
| Nitroaniline, 3-                            | 99-09-2    | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 2.14E-03               | 1.38E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitroaniline, 4-                            | 100-01-6   | No       | No        | Organics      | Organics      | 2.00E-02                                 | P                    | 4.00E-03        | P       | 6.00E-03                 | P       | 1.00E+00               | 2.21E-03               | 1.38E+02 | 1.00E+00      | Yes     | 1.12E-01                 | -                              | 1.28E+00                       | 4.26E+04                     | 2.32E+04                  | 1.50E+04                        | -                                 | -                              | 4.87E+05                                | 2.66E+05                          | 1.72E+05                       | 1.50E+04                                |                        |
| Nitrobenzene                                | 98-95-3    | No       | Yes       | Organics      | Organics      | -                                        |                      | 2.00E-03        | I       | 9.00E-03                 | I       | 1.00E+00               | 5.41E-03               | 1.23E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 5.98E+04                       | 4.80E+04                                | 4.80E+04               |
| Nitrophenyl, 4-                             | 92-93-3    | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 3.82E-02               | 1.99E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitrocellulose                              | 9004-70-0  | No       | No        | Organics      | Organics      | -                                        |                      | 3.00E+03        | P       | -                        |         | 1.00E+00               | 9.86E-09               | 3.87E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+11                          | -                              | 3.65E+11                                | 3.65E+11               |
| Nitrodiphenylamine, 2-                      | 119-75-5   | No       | No        | Organics      | Organics      | -                                        |                      | -               |         | -                        |         | 1.00E+00               | 2.66E-02               | 2.14E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Nitrofurantoin                              | 67-20-9    | No       | No        | Organics      | Organics      | -                                        |                      | 7.00E-02        | H       | -                        |         | 1.00E+00               | 3.52E-05               | 2.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+06                          | 1.53E+08                       | 8.07E+06                                | 8.07E+06               |
| Nitrofurazone                               | 59-87-0    | No       | No        | Organics      | Organics      | 1.30E+00                                 | C                    | -               |         | -                        |         | 1.00E+00               | 1.7                    |          |               |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                               | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Re f | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL THQ=1 (ug/L) | Screening Level (ug/L) |          |
|--------------------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|----------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|------------------------|----------|
| Nitrosodiethylamine, N-                                | 55-18-5    | Yes      | No        | Organics      | Organics      | 1.50E+02                                 | I                    | -               | -       | -                        | -       | 1.00E+00               | 8.72E-04               | 1.02E+02 | 1.00E+00      | Yes     | 4.99E-06                 | -                              | -                              | 1.89E+00                     | 3.20E+00                  | 1.19E+00                        | -                                 | -                              | -                               | -                                 | -                              | 1.19E+00                        |                        |          |
| Nitrosodimethylamine, N-                               | 62-75-9    | Yes      | Yes       | Organics      | Organics      | 5.10E+01                                 | I                    | 8.00E-06        | P       | 4.00E-05                 | X       | 1.00E+00               | 2.51E-04               | 7.41E+01 | 1.00E+00      | Yes     | 1.47E-05                 | -                              | 2.56E-03                       | 5.57E+00                     | 3.78E+01                  | 4.85E+00                        | -                                 | -                              | -                               | 9.73E+02                          | 6.61E+03                       | 8.48E+02                        | 4.85E+00               |          |
| Nitrosodiphenylamine, N-                               | 86-30-6    | No       | No        | Organics      | Organics      | 4.90E-03                                 | I                    | -               | -       | -                        | -       | 1.00E+00               | 1.45E-02               | 1.98E+02 | 1.00E+00      | Yes     | 4.58E-01                 | -                              | -                              | 1.74E+05                     | 9.82E+03                  | 9.29E+03                        | -                                 | -                              | -                               | -                                 | -                              | -                               | 9.29E+03               |          |
| Nitrosomethylethylamine, N-                            | 10595-95-6 | No       | Yes       | Organics      | Organics      | 2.20E+01                                 | I                    | -               | -       | -                        | -       | 1.00E+00               | 5.33E-04               | 8.81E+01 | 1.00E+00      | Yes     | 1.02E-04                 | -                              | -                              | 3.87E+01                     | 1.16E+02                  | 2.90E+01                        | -                                 | -                              | -                               | -                                 | -                              | -                               | 2.90E+01               |          |
| Nitrosomethylvinylamine, N-                            | 4549-40-0  | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 5.15E-04               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Nitrosomorpholine [N-]                                 | 59-89-2    | No       | No        | Organics      | Organics      | 6.70E+00                                 | C                    | -               | -       | -                        | -       | 1.00E+00               | 1.78E-04               | 1.16E+02 | 1.00E+00      | Yes     | 3.35E-04                 | -                              | -                              | 1.27E+02                     | 9.93E+02                  | 1.13E+02                        | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | 1.13E+02 |
| Nitrosopiperidine [N-]                                 | 100-75-4   | No       | No        | Organics      | Organics      | 9.40E+00                                 | C                    | -               | -       | -                        | -       | 1.00E+00               | 6.22E-04               | 1.14E+02 | 1.00E+00      | Yes     | 2.39E-04                 | -                              | -                              | 9.06E+01                     | 2.05E+02                  | 6.28E+01                        | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | 6.28E+01 |
| Nitrosopyrrolidine, N-                                 | 930-55-2   | No       | No        | Organics      | Organics      | 2.10E+00                                 | I                    | -               | -       | -                        | -       | 1.00E+00               | 3.21E-04               | 1.00E+02 | 1.00E+00      | Yes     | 1.07E-03                 | -                              | -                              | 4.06E+02                     | 1.89E+03                  | 3.34E+02                        | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | 3.34E+02 |
| Nitrotoluene, 4-Amino-2-                               | 119-32-4   | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 4.82E-03               | 1.52E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Nitrotoluene, m-                                       | 99-08-1    | No       | No        | Organics      | Organics      | -                                        | -                    | 1.00E-04        | X       | -                        | -       | 1.00E+00               | 1.13E-02               | 1.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 1.22E+04                       | 1.31E+03                        | 1.18E+03               | 1.18E+03 |
| Nitrotoluene, o-                                       | 88-72-2    | No       | Yes       | Organics      | Organics      | 2.20E-01                                 | P                    | 9.00E-04        | P       | -                        | -       | 1.00E+00               | 8.99E-03               | 1.37E+02 | 1.00E+00      | Yes     | 1.02E-02                 | -                              | 2.89E-01                       | 3.87E+03                     | 5.23E+02                  | 4.61E+02                        | -                                 | -                              | -                               | -                                 | 1.10E+05                       | 1.48E+04                        | 1.30E+04               | 4.61E+02 |
| Nitrotoluene, p-                                       | 99-99-0    | No       | No        | Organics      | Organics      | 1.60E-02                                 | P                    | 4.00E-03        | P       | -                        | -       | 1.00E+00               | 1.00E-02               | 1.37E+02 | 1.00E+00      | Yes     | 1.40E-01                 | -                              | 1.28E+00                       | 5.32E+04                     | 6.46E+03                  | 5.76E+03                        | -                                 | -                              | -                               | 4.87E+05                          | 5.91E+04                       | 5.27E+04                        | 5.76E+03               |          |
| Nonachlor, trans-                                      | 39765-80-5 | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 8.36E-02               | 4.44E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Nonane, n-                                             | 111-84-2   | No       | Yes       | Organics      | Organics      | -                                        | -                    | 3.00E-04        | X       | 2.00E-02                 | P       | 1.00E+00               | 1.70E+00               | 1.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 3.65E+04                          | -                              | 3.65E+04                        | 3.65E+04               |          |
| Nonanol, n-                                            | 143-08-8   | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 7.78E-02               | 1.44E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Nonylphenol                                            | 25154-52-3 | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 6.11E-01               | 2.20E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Norflurazon                                            | 27314-13-2 | No       | No        | Organics      | Organics      | -                                        | -                    | 1.50E-03        | O       | -                        | -       | 1.00E+00               | 1.05E-03               | 3.04E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.81E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 1.83E+05                          | 7.21E+04                       | 5.17E+04                        | 5.17E+04               |          |
| OCDD                                                   | 3268-87-9  | No       | No        | Organics      | Organics      | 3.90E+01                                 | W                    | 2.33E-06        | W       | 1.33E-04                 | W       | 1.00E+00               | 1.16E+00               | 4.60E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+01                     | -                         | 2.18E+01                        | -                                 | -                              | -                               | 2.84E+02                          | -                              | 2.84E+02                        | 2.84E+02               |          |
| OCDF                                                   | 39001-02-0 | No       | No        | Organics      | Organics      | 3.90E+01                                 | W                    | 2.33E-06        | W       | 1.33E-04                 | W       | 1.00E+00               | 2.63E+00               | 4.44E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.18E+01                     | -                         | 2.18E+01                        | -                                 | -                              | -                               | 2.84E+02                          | -                              | 2.84E+02                        | 2.18E+01               |          |
| Octabromodiphenyl Ether                                | 32536-52-0 | No       | No        | Organics      | Organics      | -                                        | -                    | 3.00E-03        | I       | -                        | -       | 1.00E+00               | 3.06E-02               | 8.01E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 3.65E+05                          | -                              | 3.65E+05                        | 3.65E+05               |          |
| Octachlorostyrene                                      | 29082-74-4 | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 1.05E+00               | 3.80E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octadecanoic Acid                                      | 57-11-4    | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 1.17E+01               | 2.84E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0  | No       | No        | Organics      | Organics      | -                                        | -                    | 5.00E-02        | I       | -                        | -       | 1.00E+00               | 4.36E-05               | 2.96E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 6.08E+06                       | 6.08E+07                        | 5.53E+06               | 5.53E+06 |
| Octahydrtrimethylmethylethylphenanthrenol              | 511-15-9   | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 2.66E+00               | 2.86E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octamethylpyrophosphoramide                            | 152-16-9   | No       | No        | Organics      | Organics      | -                                        | -                    | 2.00E-03        | H       | -                        | -       | 1.00E+00               | 8.30E-06               | 2.86E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+05                          | 1.36E+07                       | 2.39E+05                        | 2.39E+05               |          |
| Octanol, n-                                            | 111-87-5   | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 2.74E-02               | 1.30E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octanone, 2-                                           | 111-13-7   | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 1.12E-02               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octanone, 3-                                           | 106-68-3   | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 8.94E-03               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Octyl Phthalate, di-N-                                 | 117-84-0   | No       | No        | Organics      | Organics      | -                                        | -                    | 1.00E-02        | P       | -                        | -       | 1.00E+00               | 2.43E+00               | 3.91E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 1.22E+06                       | -                               | 1.22E+06               | 1.22E+06 |
| Oleic acid                                             | 112-80-1   | No       | Yes       | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 4.87E+00               | 2.82E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Oleum                                                  | 8014-95-7  | No       | No        | Inorganics    | Inorganics    | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Oryzalin                                               | 19044-88-3 | No       | No        | Organics      | Organics      | 7.79E-03                                 | O                    | 1.90E-01        | O       | -                        | -       | 1.00E+00               | 5.37E-03               | 3.46E+02 | 9.00E-01      | Yes     | 2.88E-01                 | -                              | 6.09E+01                       | 1.09E+05                     | 7.13E+03                  | 6.69E+03                        | -                                 | -                              | -                               | 2.31E+07                          | 1.51E+06                       | 1.41E+06                        | 6.69E+03               |          |
| Oxadiazon                                              | 19666-30-9 | No       | No        | Organics      | Organics      | -                                        | -                    | 5.00E-03        | I       | -                        | -       | 1.00E+00               | 2.80E-02               | 3.45E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 6.08E+05                          | 8.62E+03                       | 8.50E+03                        | 8.50E+03               |          |
| Oxamyl                                                 | 23135-22-0 | No       | No        | Organics      | Organics      | -                                        | -                    | 2.50E-02        | I       | -                        | -       | 1.00E+00               | 4.49E-05               | 2.19E+02 | 1.00E+00      | Yes     | -                        | -                              | 8.01E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 3.04E+06                       | 4.84E+07                        | 2.86E+06               | 2.86E+06 |
| Oxychlorthane                                          | 27304-13-8 | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 2.90E-02               | 4.24E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Oxyfluorfen                                            | 42874-03-3 | No       | No        | Organics      | Organics      | 7.32E-02                                 | O                    | 4.00E-02        | O       | -                        | -       | 1.00E+00               | 2.04E-02               | 3.62E+02 | 8.00E-01      | Yes     | 3.07E-02                 | -                              | 1.28E+01                       | 1.16E+04                     | 2.03E+02                  | 2.00E+02                        | -                                 | -                              | -                               | 4.87E+06                          | 8.51E+04                       | 8.37E+04                        | 2.00E+02               |          |
| Ozone                                                  | 10028-15-6 | No       | No        | Inorganics    | Inorganics    | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 1.00E-03               | 4.80E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Paclobutrazol                                          | 76738-62-0 | No       | No        | Organics      | Organics      | -                                        | -                    | 1.30E-02        | I       | -                        | -       | 1.00E+00               | 4.71E-03               | 2.94E+02 | 9.00E-01      | Yes     | -                        | -                              | 4.17E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 1.58E+06                       | 1.65E+05                        | 1.49E+05               | 1.49E+05 |
| Paraquat Dichloride                                    | 1910-42-5  | No       | No        | Organics      | Organics      | -                                        | -                    | 4.50E-03        | I       | -                        | -       | 1.00E+00               | 5.77E-08               | 2.57E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 5.48E+05                          | -                              | 5.48E+05                        | 5.48E+05               |          |
| Parathion                                              | 56-38-2    | No       | No        | Organics      | Organics      | -                                        | -                    | 6.00E-03        | H       | -                        | -       | 1.00E+00               | 1.28E-02               | 2.91E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.92E+00                       | -                            | -                         | -                               | -                                 | -                              | -                               | 7.30E+05                          | 2.85E+04                       | 2.74E+04                        | 2.74E+04               |          |
| PeCDF, 1,2,3,7,8-                                      | 57117-41-6 | No       | No        | Organics      | Organics      | 3.90E+03                                 | W                    | 2.33E-08        | W       | 1.33E-06                 | W       | 1.00E+00               | 6.27E-01               | 3.40E+02 | 4.00E-01      | No      | -                        | -                              | -                              | 2.18E-01                     | -                         | 2.18E-01                        | -                                 | -                              | -                               | 2.84E+00                          | -                              | 2.84E+00                        | 2.18E-01               |          |
| PeCDF, 2,3,4,7,8-                                      | 57117-31-4 | No       | No        | Organics      | Organics      | 3.90E+04                                 | W                    | 2.33E-09        | W       | 1.33E-07                 | W       | 1.00E+00               | 6.27E-01               | 3.40E+02 | 4.00E-01      | No      | -                        | -                              | -                              | 2.18E-02                     | -                         | 2.18E-02                        | -                                 | -                              | -                               | 2.84E-01                          | -                              | 2.84E-01                        | 2.18E-02               |          |
| Pebulate                                               | 1114-71-2  | No       | Yes       | Organics      | Organics      | -                                        | -                    | 5.00E-02        | H       | -                        | -       | 1.00E+00               | 3.97E-02               | 2.03E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 6.08E+06                       | 1.21E+05                        | 1.19E+05               | 1.19E+05 |
| Pendimethalin                                          | 40487-42-1 | No       | No        | Organics      | Organics      | -                                        | -                    | 3.00E-01        | O       | -                        | -       | 1.00E+00               | 1.15E-01               | 2.81E+02 | 9.00E-01      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | 3.65E+07                       | 1.69E+05                        | 1.68E+05               | 1.68E+05 |
| Pentabromodiphenyl Ether                               | 32534-81-9 | No       | Yes       | Organics      | Organics      | -                                        | -                    | 2.00E-03        | I       | -                        | -       | 1.00E+00               | 3.73E-02               | 5.65E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 2.43E+05                          | -                              | 2.43E+05                        | 2.43E+05               |          |
| Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)       | 60348-60-9 | No       | No        | Organics      | Organics      | -                                        | -                    | 1.00E-04        | I       | -                        | -       | 1.00E+00               | 3.73E-02               | 5.65E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | 1.22E+04                          | -                              | 1.22E+04                        | 1.22E+04               |          |
| Pentachloroaniline                                     | 527-20-8   | No       | No        | Organics      | Organics      | -                                        | -                    | -               | -       | -                        | -       | 1.00E+00               | 8.11E-02               | 2.65E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                               | -                                 | -                              | -                               | -                      | -        |
| Pentachlorobenzene                                     | 608-93-5   | No       | Yes       | Organics      | Organics      | -                                        | -                    | 8.00E-04        | I       | -                        | -       | 1.00E+00               | 1.68E-01               | 2.50E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              |                                 |                                   |                                |                                 |                        |          |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                              | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |          |
|-----------------------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|----------|
| Pesticides (total)                                                    | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phenacetin                                                            | 62-44-2    | No       | No        | Organics      | Organics      | 2.20E-03                                  | C                   | -               |         | -                        |         | 1.00E+00               | 1.73E-03               | 1.79E+02 | 1.00E+00      | Yes     | 1.02E+00                 | -                              | -                              | 3.87E+05                     | 2.07E+05                  | 1.35E+05                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.35E+05               |          |
| Phenanthrene                                                          | 85-01-8    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.44E-01               | 1.78E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phenmedipham                                                          | 13684-63-4 | No       | No        | Organics      | Organics      | -                                         |                     | 2.40E-01        | O       | -                        |         | 1.00E+00               | 7.86E-03               | 3.00E+02 | 9.00E-01      | Yes     | -                        | -                              | 7.69E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.92E+07                          | 1.75E+06                       | 1.65E+06                                | 1.65E+06               |          |
| Phenol                                                                | 108-95-2   | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-01        | I       | 2.00E-01                 | C       | 1.00E+00               | 4.34E-03               | 9.41E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+07                          | 1.30E+07                       | 9.59E+06                                | 9.59E+06               |          |
| Phenol, 2-(1-methylethoxy)-, methylcarbamate                          | 114-26-1   | No       | No        | Organics      | Organics      | -                                         |                     | 4.00E-03        | I       | -                        |         | 1.00E+00               | 1.07E-03               | 2.09E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+05                          | 3.47E+05                       | 2.03E+05                                | 2.03E+05               |          |
| Phenothiazine                                                         | 92-84-2    | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-04        | X       | -                        |         | 1.00E+00               | 6.83E-02               | 1.99E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+04                          | 7.24E+02                       | 7.16E+02                                | 7.16E+02               |          |
| Phenyl Isothiocyanate                                                 | 103-72-0   | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-04        | X       | -                        |         | 1.00E+00               | 4.13E-02               | 1.35E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | 7.24E+02                       | 7.03E+02                                | 7.03E+02               |          |
| Phenylenediamine, m-                                                  | 108-45-2   | No       | No        | Organics      | Organics      | -                                         |                     | 6.00E-03        | I       | -                        |         | 1.00E+00               | 2.34E-04               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.92E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 7.30E+05                          | 4.57E+06                       | 6.29E+05                                | 6.29E+05               |          |
| Phenylenediamine, o-                                                  | 95-54-5    | No       | No        | Organics      | Organics      | 1.20E-01                                  | P                   | 4.00E-03        | P       | -                        |         | 1.00E+00               | 4.87E-04               | 1.08E+02 | 1.00E+00      | Yes     | 1.87E-02                 | -                              | 1.28E+00                       | 7.10E+03                     | 2.13E+04                  | 5.33E+03                        | -                                 | -                              | -                                       | 4.87E+05                          | 1.46E+06                       | 3.65E+05                                | 5.33E+03               |          |
| Phenylenediamine, p-                                                  | 106-50-3   | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | X       | -                        |         | 1.00E+00               | 2.45E-04               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 7.27E+05                       | 1.04E+05                                | 1.04E+05               |          |
| Phenylmercuric Acetate                                                | 62-38-4    | No       | No        | Organics      | Organics      | -                                         |                     | 8.00E-05        | I       | -                        |         | 1.00E+00               | 5.99E-05               | 3.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+03                          | 5.45E+04                       | 8.26E+03                                | 8.26E+03               |          |
| Phenylphenol, 2-                                                      | 90-43-7    | No       | No        | Organics      | Organics      | 1.94E-03                                  | H                   | -               |         | -                        |         | 1.00E+00               | 1.96E-02               | 1.70E+02 | 1.00E+00      | Yes     | 1.16E+00                 | -                              | 4.39E+05                       | 2.20E+04                     | 2.09E+04                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.09E+04               |          |
| Phorate                                                               | 298-02-2   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-04        | H       | -                        |         | 1.00E+00               | 1.26E-02               | 2.60E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | 1.18E+03                       | 1.12E+03                                | 1.12E+03               |          |
| Phosgene                                                              | 75-44-5    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 3.00E-04                 | I       | 1.00E+00               | 1.47E-04               | 9.89E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phosmet                                                               | 732-11-6   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | I       | -                        |         | 1.00E+00               | 1.83E-03               | 3.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 5.05E+05                       | 4.18E+05                                | 4.18E+05               |          |
| Phosphine                                                             | 7803-51-2  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                     | 3.00E-04        | I       | 3.00E-04                 | I       | 1.00E+00               | 1.00E-03               | 3.40E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 9.62E+04                       | 2.65E+04                                | 2.65E+04               |          |
| Phosphoric Acid                                                       | 7664-38-2  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | 1.00E-02                 | I       | 1.00E+00               | 1.00E-03               | 9.80E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Phosphorus pentoxide                                                  | 1314-56-3  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.42E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phosphorus, White                                                     | 7723-14-0  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                     | 2.00E-05        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 3.10E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+03                          | 6.41E+03                       | 1.76E+03                                | 1.76E+03               |          |
| Phthalates (total)                                                    | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phthalic Acid, m-                                                     | 121-91-5   | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.32E-03               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phthalic Acid, o-                                                     | 88-99-3    | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 5.59E-04               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Phthalic Acid, p-                                                     | 100-21-0   | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-01        | X       | -                        |         | 1.00E+00               | 3.91E-03               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+07                          | 1.57E+07                       | 1.25E+07                                | 1.25E+07               |          |
| Phthalic Anhydride                                                    | 85-44-9    | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E+00        | I       | 2.00E-02                 | C       | 1.00E+00               | 2.67E-03               | 1.48E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 1.03E+08                       | 7.24E+07                                | 7.24E+07               |          |
| Picloram                                                              | 1918-02-1  | No       | No        | Organics      | Organics      | -                                         |                     | 7.00E-02        | I       | -                        |         | 1.00E+00               | 1.27E-03               | 2.41E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+06                          | 4.16E+06                       | 2.79E+06                                | 2.79E+06               |          |
| Picoline, 2-                                                          | 109-06-8   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.57E-03               | 9.31E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Picramic Acid (2-Amino-4,6-dinitrophenol)                             | 96-91-3    | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-04        | X       | -                        |         | 1.00E+00               | 4.96E-04               | 1.99E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 2.00E+04                       | 7.56E+03                                | 7.56E+03               |          |
| Picric Acid (2,4,6-Trinitrophenol)                                    | 88-89-1    | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-03        | X       | -                        |         | 1.00E+00               | 6.21E-04               | 2.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 2.63E+05                       | 1.26E+05                                | 1.26E+05               |          |
| Piperidine                                                            | 110-89-4   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.89E-03               | 8.52E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Pirimiphos, Methyl                                                    | 29232-93-7 | No       | No        | Organics      | Organics      | -                                         |                     | 7.30E-04        | O       | -                        |         | 1.00E+00               | 1.87E-02               | 3.05E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.34E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.88E+04                          | 2.17E+03                       | 2.11E+03                                | 2.11E+03               |          |
| Polybrominated Biphenyls                                              | 36355-01-8 | No       | No        | Organics      | Organics      | 3.00E+01                                  | C                   | 7.00E-06        | H       | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | 2.84E+01                     | -                         | 2.84E+01                        | -                                 | -                              | -                                       | -                                 | 8.52E+02                       | -                                       | 8.52E+02               | 2.84E+01 |
| Polychlorinated Biphenyls (low risk)                                  | 1336-36-3  | No       | Yes       | Organics      | Organics      | 4.00E-01                                  | I                   | -               |         | -                        |         | 1.00E+00               | 5.45E-01               | 2.92E+02 | 7.00E-01      | No      | -                        | -                              | -                              | 2.13E+03                     | -                         | 2.13E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.13E+03               |          |
| Polycyclic aromatic hydrocarbons (PAH), Total (high molecular weight) | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Polycyclic aromatic hydrocarbons (PAH), Total (low molecular weight)  | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Polycyclic chlorinated hydrocarbons (total)                           | NA         | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Polymeric Methylene Diphenyl Diisocyanate (PMDI)                      | 9016-87-9  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | 6.00E-04                 | I       | 1.00E+00               | 1.86E+01               | 5.13E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Polyphosphoric acid                                                   | 8017-16-1  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 2.58E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Potassium                                                             | 7440-09-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 2.00E-03               | 3.91E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Potassium Cyanide                                                     | 151-50-8   | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 2.00E-03        | I       | 9.00E-03                 | C       | 1.00E+00               | 2.00E-03               | 6.51E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 3.21E+05                       | 1.38E+05                                | 1.38E+05               |          |
| Potassium Perchlorate                                                 | 7778-74-7  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                        |         | 1.00E+00               | 2.00E-03               | 1.39E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+04                          | 1.12E+05                       | 4.84E+04                                | 4.84E+04               |          |
| Potassium Silver Cyanide                                              | 506-61-6   | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                        |         | 1.00E-02               | 2.00E-03               | 1.99E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 3.21E+04                       | 3.05E+04                                | 3.05E+04               |          |
| Potassium heptafluorobutanoate                                        | 2966-54-3  | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.00E-03        | I       | -                        |         | 1.00E+00               | 1.80E-03               | 2.52E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 7.82E+04                       | 5.92E+04                                | 5.92E+04               |          |
| Potassium perfluorobutanesulfonate                                    | 29420-49-3 | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-04        | P       | -                        |         | 1.00E+00               | 1.26E-06               | 3.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 9.61E+06                       | 3.64E+04                                | 3.64E+04               |          |
| Potassium perfluorooctanesulfonate                                    | 2795-39-3  | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-06        | A       | -                        |         | 1.00E+00               | 2.86E-07               | 5.38E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+02                          | -                              | 2.43E+02                                | 2.43E+02               |          |
| Potassium salts of inorganic phosphates                               | NA         | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | -        | 0.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Potassium tripolyphosphate                                            | 13845-36-8 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 4.48E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |          |
| Praseodymium                                                          | 7440-10-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.41E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Praseodymium Chloride (Stable, Nonradioactive)                        | 10361-79-2 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.47E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |          |
| Prochloraz                                                            | 67747-09-5 | No       | No        | Organics      | Organics      | 1.50E-01                                  | I                   | 9.00E-03        | I       | -                        |         | 1.00E+00               | 6.40E-03               | 3.77E+02 | 9.00E-01      | Yes     | 1.50E-02                 | -                              | 2.89E+00                       |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |          |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                     | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|----------------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Propyl benzene                               | 103-65-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-01        | X       | 1.00E+00                 | X       | 1.00E+00               | 9.39E-02               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 1.75E+05                       | 1.73E+05                                | 1.73E+05               |
| Propylene                                    | 115-07-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-01        |         | 3.00E+00                 | C       | 1.00E+00               | 1.36E-02               | 4.21E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Propylene Glycol                             | 57-55-6    | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E+01        | P       | -                        |         | 1.00E+00               | 1.43E-04               | 7.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+09                          | 2.87E+10                       | 2.24E+09                                | 2.24E+09               |
| Propylene Glycol Dinitrate                   | 6423-43-4  | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | 2.72E-04                 | A       | 1.00E+00               | 2.08E-03               | 1.66E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Propylene Glycol Monoethyl Ether             | 1569-02-4  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 4.09E-04               | 1.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Propylene Glycol Monomethyl Ether            | 107-98-2   | No       | Yes       | Organics      | Organics      | -                                        |                     | 7.00E-01        | H       | 2.00E+00                 | I       | 1.00E+00               | 2.31E-04               | 9.01E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+07                          | 5.81E+08                       | 7.43E+07                                | 7.43E+07               |
| Propylene Oxide                              | 75-56-9    | No       | Yes       | Organics      | Organics      | 2.40E-01                                 | I                   | -               |         | 3.00E-02                 | I       | 1.00E+00               | 7.74E-04               | 5.81E+01 | 1.00E+00      | Yes     | 9.35E-03                 | -                              | -                              | 3.55E+03                     | 8.37E+03                  | 2.49E+03                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.49E+03               |
| Prussian Blue (Ferric Ferrocyanide)          | 14038-43-8 | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | 8.59E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Pyrazinyl phosphorothioate, O,O-diethyl O-2- | 297-97-2   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.09E-03               | 2.48E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Pyrene                                       | 129-00-0   | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.01E-01               | 2.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 1.45E+04                       | 1.44E+04                                | 1.44E+04               |
| Pyridine                                     | 110-86-1   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 1.52E-03               | 7.91E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 1.33E+05                       | 6.36E+04                                | 6.36E+04               |
| Quinalphos                                   | 13593-03-8 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-04        | I       | -                        |         | 1.00E+00               | 2.96E-02               | 2.98E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+04                          | 9.81E+02                       | 9.65E+02                                | 9.65E+02               |
| Quinoline                                    | 91-22-5    | No       | No        | Organics      | Organics      | 3.00E+00                                 | I                   | -               |         | -                        |         | 1.00E+00               | 6.59E-03               | 1.29E+02 | 1.00E+00      | Yes     | 7.48E-04                 | -                              | -                              | 2.84E+02                     | 5.51E+01                  | 4.61E+01                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 4.61E+01               |
| Quizalofop-ethyl                             | 76578-14-8 | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-03        | I       | -                        |         | 1.00E+00               | 8.86E-03               | 3.73E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.89E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+06                          | 3.65E+04                       | 3.53E+04                                | 3.53E+04               |
| Resmethrin                                   | 10453-86-8 | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 2.38E-01               | 3.38E+02 | 7.00E-01      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 7.27E+03                       | 7.25E+03                                | 7.25E+03               |
| Resorcinol                                   | 108-46-3   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.28E-03               | 1.10E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Ronnel                                       | 299-84-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-02        | H       | -                        |         | 1.00E+00               | 4.30E-02               | 3.22E+02 | 8.00E-01      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 6.54E+04                       | 6.47E+04                                | 6.47E+04               |
| Rotenone                                     | 83-79-4    | No       | No        | Organics      | Organics      | -                                        |                     | 4.00E-03        | I       | -                        |         | 1.00E+00               | 5.09E-03               | 3.94E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+05                          | 2.46E+04                       | 2.34E+04                                | 2.34E+04               |
| Rubidium                                     | 7440-17-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.55E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Chloride                            | 7791-11-9  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.21E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Hydroxide                           | 1310-82-3  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Rubidium Iodide                              | 7790-29-6  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.12E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Safrole                                      | 94-59-7    | Yes      | No        | Organics      | Organics      | 2.20E-01                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.13E-02               | 1.62E+02 | 1.00E+00      | Yes     | 3.40E-03                 | -                              | -                              | 1.29E+03                     | 1.18E+02                  | 1.08E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 1.08E+02               |
| Samarium Chloride (Stable, Nonradioactive)   | 10361-82-7 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.57E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Samarium Nitrate (Stable, Nonradioactive)    | 10361-83-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.36E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Scandium                                     | 7440-20-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 4.50E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Selenious Acid                               | 7783-00-8  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-03        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.60E+06                       | 4.41E+05                                | 4.41E+05               |
| Selenite                                     | 14124-67-5 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.29E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Selenium                                     | 7782-49-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-03        | I       | 2.00E-02                 | C       | 1.00E+00               | 1.00E-03               | 7.90E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.60E+06                       | 4.41E+05                                | 4.41E+05               |
| Selenium Sulfide                             | 7446-34-6  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-03        | C       | 2.00E-02                 | C       | 1.00E+00               | 1.00E-03               | 1.11E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.60E+06                       | 4.41E+05                                | 4.41E+05               |
| Selenourea                                   | 630-10-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.71E-06               | 1.23E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sethoxydim                                   | 74051-80-2 | No       | No        | Organics      | Organics      | -                                        |                     | 1.40E-01        | O       | -                        |         | 1.00E+00               | 1.85E-02               | 3.27E+02 | 9.00E-01      | Yes     | -                        | -                              | 4.49E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.70E+07                          | 3.64E+05                       | 3.56E+05                                | 3.56E+05               |
| Silica (crystalline, respirable)             | 7631-86-9  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | 3.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 6.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Silicon                                      | 7440-21-3  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Silver                                       | 7440-22-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-03        | I       | -                        |         | 4.00E-02               | 6.00E-04               | 1.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 1.07E+05                       | 9.09E+04                                | 9.09E+04               |
| Silver Cyanide                               | 506-64-9   | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E-01        | I       | -                        |         | 4.00E-02               | 1.00E-03               | 1.34E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 1.28E+06                       | 1.16E+06                                | 1.16E+06               |
| Simazine                                     | 122-34-9   | No       | No        | Organics      | Organics      | 1.20E-01                                 | H                   | 5.00E-03        | I       | -                        |         | 1.00E+00               | 3.25E-03               | 2.02E+02 | 1.00E+00      | Yes     | 1.87E-02                 | -                              | 1.60E+00                       | 7.10E+03                     | 1.75E+03                  | 1.40E+03                        | -                                 | -                              | -                                       | 6.08E+05                          | 1.50E+05                       | 1.20E+05                                | 1.40E+03               |
| Sodium                                       | 7440-23-5  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 2.30E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sodium Acifluorfen                           | 62476-59-9 | No       | No        | Organics      | Organics      | -                                        |                     | 1.30E-02        | I       | -                        |         | 1.00E+00               | 1.95E-05               | 3.84E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.17E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.58E+06                          | 2.01E+07                       | 1.47E+06                                | 1.47E+06               |
| Sodium Azide                                 | 26628-22-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 4.00E-03        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 6.50E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.28E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.87E+05                          | 1.28E+06                       | 3.53E+05                                | 3.53E+05               |
| Sodium Cyanide                               | 143-33-9   | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E-03        | I       | 9.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 4.90E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 2.21E+05                       | 8.82E+04                                | 8.82E+04               |
| Sodium Diethyldithiocarbamate                | 148-18-5   | No       | No        | Organics      | Organics      | 2.70E-01                                 | H                   | 3.00E-02        | I       | -                        |         | 1.00E+00               | 1.92E-05               | 1.72E+02 | 1.00E+00      | Yes     | 8.31E-03                 | -                              | 9.62E+00                       | 3.15E+03                     | 1.59E+05                  | 3.09E+03                        | -                                 | -                              | -                                       | 3.65E+06                          | 1.84E+08                       | 3.58E+06                                | 3.09E+03               |
| Sodium Fluoride                              | 7681-49-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-02        | A       | 1.40E-02                 | C       | 1.00E+00               | 1.00E-03               | 4.20E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 1.60E+07                       | 4.41E+06                                | 4.41E+06               |
| Sodium Fluoroacetate                         | 62-74-8    | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-05        | I       | -                        |         | 1.00E+00               | 1.32E-06               | 1.00E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+03                          | -                              | 2.43E+03                                | 2.43E+03               |
| Sodium Hydroxide                             | 1310-73-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 4.00E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sodium Metavanadate                          | 13718-26-8 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E-03        | H       | -                        |         | 1.00E+00               | 1.00E-03               | 1.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 3.21E+05                       | 8.82E+04                                | 8.82E+04               |
| Sodium Perchlorate                           | 7601-89-0  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 7.00E-04        | I       | -                        |         | 1.00E+00               | 1.00E-03               | 1.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+04                          | 2.24E+05                       | 6.17E+04                                | 6.17E+04               |
| Sodium Tungstate                             | 13472-45-2 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 8.00E-04        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 2.94E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 2.56E+05                       | 7.06E+04                                | 7.06E+04               |
| Sodium Tungstate Dihydrate                   | 10213-10-2 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 8.00E-04        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 3.30E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 2.56E+05                       | 7.06E+04                                | 7.06E+04               |
| Sodium acid pyrophosphate                    | 7758-16-9  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 2.22E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21                           |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|------------------------------------------------------------------------------------|------------|----------|-----------|---------------|---------------|-------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Sulfonylbis(4-chlorobenzene), 1,1'-                                                | 80-07-9    | No       | No        | Organics      | Organics      | -                                         |                     | 8.00E-04        | P       | -                        |         | 1.00E+00               | 1.49E-02               | 2.87E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 3.35E+03                       | 3.24E+03                                | 3.24E+03               |
| Sulfur                                                                             | 7704-34-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.21E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sulfur Dioxide                                                                     | 7446-09-5  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 6.41E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sulfur Mustard                                                                     | 505-60-2   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.48E-03               | 1.59E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sulfur Trioxide                                                                    | 7446-11-9  | No       | Yes       | Inorganics    | Inorganics    | -                                         |                     | -               |         | 1.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 8.01E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sulfuric Acid                                                                      | 7664-93-9  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | 1.00E-03                 | C       | 1.00E+00               | 1.00E-03               | 9.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8   | No       | No        | Organics      | Organics      | 2.50E-02                                  | I                   | 5.00E-02        | H       | -                        |         | 1.00E+00               | 3.28E-02               | 3.35E+02 | 8.00E-01      | Yes     | 8.98E-02                 | -                              | 1.60E+01                       | 3.41E+04                     | 4.41E+02                  | 4.35E+02                        | -                                 | -                              | -                                       | 6.08E+06                          | 7.87E+04                       | 7.77E+04                                | 4.35E+02               |
| TCDD, 2,3,7,8-                                                                     | 1746-01-6  | No       | Yes       | Organics      | Organics      | 1.30E+05                                  | C                   | 7.00E-10        | I       | 4.00E-08                 | C       | 1.00E+00               | 8.08E-01               | 3.22E+02 | 5.00E-01      | No      | -                        | -                              | -                              | 6.55E-03                     | -                         | 6.55E-03                        | -                                 | -                              | -                                       | 8.52E-02                          | -                              | 8.52E-02                                | 6.55E-03               |
| TCDF, 2,3,7,8-                                                                     | 51207-31-9 | No       | Yes       | Organics      | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 4.00E-07                 | W       | 1.00E+00               | 6.57E-01               | 3.06E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 6.55E-02                     | -                         | 6.55E-02                        | -                                 | -                              | -                                       | 8.52E-01                          | -                              | 8.52E-01                                | 6.55E-02               |
| Tebuthiuron                                                                        | 34014-18-1 | No       | No        | Organics      | Organics      | -                                         |                     | 7.00E-02        | I       | -                        |         | 1.00E+00               | 1.27E-03               | 2.28E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.24E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 8.52E+06                          | 4.52E+06                       | 2.95E+06                                | 2.95E+06               |
| Technetium                                                                         | 7440-26-8  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 9.79E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tellurium                                                                          | 13494-80-9 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.28E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Temephos                                                                           | 3383-96-8  | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-02        | H       | -                        |         | 1.00E+00               | 3.45E-02               | 4.66E+02 | 7.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | -                              | 2.43E+06                                | 2.43E+06               |
| Terbacil                                                                           | 5902-51-2  | No       | No        | Organics      | Organics      | -                                         |                     | 1.30E-02        | I       | -                        |         | 1.00E+00               | 1.72E-03               | 2.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 4.17E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.58E+06                          | 6.69E+05                       | 4.70E+05                                | 4.70E+05               |
| Terbufos                                                                           | 13071-79-9 | No       | Yes       | Organics      | Organics      | -                                         |                     | 2.50E-05        | H       | -                        |         | 1.00E+00               | 3.58E-02               | 2.88E+02 | 9.00E-01      | Yes     | -                        | -                              | 8.01E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.04E+03                          | 4.32E+01                       | 4.26E+01                                | 4.26E+01               |
| Terbutryn                                                                          | 886-50-0   | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 2.12E-02               | 2.41E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 3.95E+03                       | 3.83E+03                                | 3.83E+03               |
| Tert-Butyl Acetate                                                                 | 540-88-5   | No       | Yes       | Organics      | Organics      | 5.00E-03                                  | C                   | -               |         | -                        |         | 1.00E+00               | 5.16E-03               | 1.16E+02 | 1.00E+00      | Yes     | 4.49E-01                 | -                              | 1.70E+05                       | 4.59E+04                     | 3.61E+04                  | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.61E+04               |
| Test Chemical                                                                      | NA         | No       | No        |               |               | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)                                      | 5436-43-1  | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-04        | I       | -                        |         | 1.00E+00               | 9.29E-02               | 4.86E+02 | 6.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | -                              | 1.22E+04                                | 1.22E+04               |
| Tetrabutyl Lead                                                                    | 1920-90-7  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.04E+00               | 4.36E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachloroaniline, 2,3,5,6-                                                       | 3481-20-7  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.21E-02               | 2.31E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachlorobenzene, 1,2,3,4-                                                       | 634-66-2   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 1.10E-01               | 2.16E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachlorobenzene, 1,2,4,5-                                                       | 95-94-3    | No       | Yes       | Organics      | Organics      | -                                         |                     | 3.00E-05        | P       | -                        |         | 1.00E+00               | 1.17E-01               | 2.16E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+03                          | 2.28E+01                       | 2.27E+01                                | 2.27E+01               |
| Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)                                           | 32598-13-3 | No       | No        | Organics      | Organics      | 1.30E+01                                  | W                   | 7.00E-06        | W       | 4.00E-04                 | W       | 1.00E+00               | 9.17E-01               | 2.92E+02 | 6.00E-01      | No      | -                        | -                              | -                              | 6.55E+01                     | -                         | 6.55E+01                        | -                                 | -                              | -                                       | 8.52E+02                          | -                              | 8.52E+02                                | 6.55E+01               |
| Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)                                           | 70362-50-4 | No       | Yes       | Organics      | Organics      | 3.90E+01                                  | W                   | 2.33E-06        | W       | 1.33E-04                 | W       | 1.00E+00               | 5.84E-01               | 2.92E+02 | 7.00E-01      | No      | -                        | -                              | -                              | 2.18E+01                     | -                         | 2.18E+01                        | -                                 | -                              | -                                       | 2.84E+02                          | -                              | 2.84E+02                                | 2.18E+01               |
| Tetrachloroethane, 1,1,1,2-                                                        | 630-20-6   | No       | Yes       | Organics      | Organics      | 2.60E-02                                  | I                   | 3.00E-02        | I       | -                        |         | 1.00E+00               | 1.59E-02               | 1.68E+02 | 1.00E+00      | Yes     | 8.63E-02                 | -                              | 9.62E+00                       | 3.28E+04                     | 2.05E+03                  | 1.93E+03                        | -                                 | -                              | 3.65E+06                                | 2.29E+05                          | 2.15E+05                       | 1.93E+03                                |                        |
| Tetrachloroethane, 1,1,2,2-                                                        | 79-34-5    | No       | Yes       | Organics      | Organics      | 2.00E-01                                  | I                   | 2.00E-02        | I       | -                        |         | 1.00E+00               | 6.94E-03               | 1.68E+02 | 1.00E+00      | Yes     | 1.12E-02                 | -                              | 6.41E+00                       | 4.26E+03                     | 6.11E+02                  | 5.34E+02                        | -                                 | -                              | 2.43E+06                                | 3.49E+05                          | 3.05E+05                       | 5.34E+02                                |                        |
| Tetrachloroethylene                                                                | 127-18-4   | No       | Yes       | Organics      | Organics      | 2.10E-03                                  | I                   | 6.00E-03        | I       | 4.00E-02                 | I       | 1.00E+00               | 3.34E-02               | 1.66E+02 | 1.00E+00      | Yes     | 1.07E+00                 | -                              | 1.92E+00                       | 4.06E+05                     | 1.23E+04                  | 1.19E+04                        | -                                 | -                              | 7.30E+05                                | 2.21E+04                          | 2.14E+04                       | 1.19E+04                                |                        |
| Tetrachlorophenol, 2,3,4,5-                                                        | 4901-51-3  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.91E-02               | 2.32E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachlorophenol, 2,3,4,6-                                                        | 58-90-2    | No       | No        | Organics      | Organics      | -                                         |                     | 3.00E-02        | I       | -                        |         | 1.00E+00               | 7.10E-02               | 2.32E+02 | 9.00E-01      | Yes     | -                        | -                              | 9.62E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+06                          | 3.77E+04                       | 3.73E+04                                | 3.73E+04               |
| Tetrachlorophenols (total)                                                         | 25167-83-3 | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 7.10E-02               | 6.96E+02 | 3.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachloroterephthalate, 2,3,5,6-                                                 | 2136-79-0  | No       | No        | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 8.08E-04               | 3.04E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrachlorotoluene, p- alpha, alpha, alpha-                                        | 5216-25-1  | No       | Yes       | Organics      | Organics      | 1.60E+01                                  | X                   | 6.00E-05        | X       | -                        |         | 1.00E+00               | 8.36E-02               | 2.30E+02 | 9.00E-01      | Yes     | 1.40E-04                 | -                              | 1.92E-02                       | 5.32E+01                     | 4.72E-01                  | 4.68E-01                        | -                                 | -                              | 7.30E+03                                | 6.48E+01                          | 6.42E+01                       | 4.68E-01                                |                        |
| Tetraethyl Dithiopyrophosphate                                                     | 3689-24-5  | No       | No        | Organics      | Organics      | -                                         |                     | 5.00E-04        | I       | -                        |         | 1.00E+00               | 1.09E-02               | 3.22E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+04                          | 2.28E+03                       | 2.20E+03                                | 2.20E+03               |
| Tetraethyl Lead                                                                    | 78-00-2    | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-07        | I       | -                        |         | 1.00E+00               | 1.37E-02               | 3.23E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.21E-05                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+01                          | 3.60E-01                       | 3.50E-01                                | 3.50E-01               |
| Tetrafluoroethane, 1,1,1,2-                                                        | 811-97-2   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | 8.00E+01                 | I       | 1.00E+00               | 5.48E-03               | 1.02E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrahydrofuran                                                                    | 109-99-9   | No       | Yes       | Organics      | Organics      | -                                         |                     | 9.00E-01        | I       | 2.00E+00                 | I       | 1.00E+00               | 1.25E-03               | 7.21E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.89E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+08                          | 1.51E+08                       | 6.34E+07                                | 6.34E+07               |
| Tetrahydrothiophene                                                                | 110-01-0   | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 7.75E-03               | 8.82E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetramethyl Lead                                                                   | 75-74-1    | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.66E-03               | 2.67E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetramethylcyclohexane                                                             | 30501-43-0 | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | -                      | 1.40E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetramethylphosphoramide, -N,N,N',N" (TMPA)                                        | 16853-36-4 | No       | No        | Organics      | Organics      | -                                         |                     | 1.00E-04        | X       | -                        |         | 1.00E+00               | 2.95E-05               | 1.51E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+04                          | 4.58E+05                       | 1.19E+04                                | 1.19E+04               |
| Tetrapotassium phosphate                                                           | 7320-34-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 3.30E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Tetrapropyl Lead                                                                   | 3440-75-3  | No       | Yes       | Organics      | Organics      | -                                         |                     | -               |         | -                        |         | 1.00E+00               | 4.12E-01               | 3.80E+02 | 4.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tetrasodium pyrophosphate                                                          | 7722-88-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 2.66E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Tetryl (Trinitrophenylmethylnitramine)                                             | 479-45-8   | No       | No        | Organics      | Organics      | -                                         |                     | 2.00E-03        | P       | -                        |         | 1.00E+00               | 4.74E-04               | 2.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+05                          | 2.37E+05                       | 1.20E+05                                | 1.20E+05               |
| Thallic Oxide                                                                      | 1314-32-5  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 2.00E-05        | G       | -                        |         | 1.00E+00               | 1.00E-03               | 4.57E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+03                          | 6.41E+03                       | 1.76E+03                                | 1.76E+03               |
| Thallium (I) Nitrate                                                               | 10102-45-1 | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E+00        | X       | -                        |         | 1.00E+00               | 1.00E-03               | 2.67E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+03                          | 3.21E+03                       | 8.82E+02                                | 8.82E+02               |
| Thallium (Soluble Salts)                                                           | 7440-28-0  | No       | No        | Inorganics    | Inorganics    | -                                         |                     | 1.00E-05        | X       | -                        |         | 1.00E+00               | 1.00E-03               | 2.04E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+03                          | 3.21E+03                       | 8.82E+02                                | 8.82E+02               |
| Thallium Acetate                                                                   | 563-68-8   | No       | Yes       | Organics      | Organics      | -                                         |                     | 1.00E-05        | X       | -                        |         | 1.00E+00               | 3.99E-05               | 2.63E+02 | 1.00          |         |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                            | CAS Number  | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------------------------------------|-------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Total Petroleum Hydrocarbons (Aliphatic High)                       | NA          | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E+00        | P       | -                        |         | 1.00E+00               | 1.96E+00               | 1.70E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+08                          | -                              | 3.65E+08                                | 3.65E+08               |
| Total Petroleum Hydrocarbons (Aliphatic Low)                        | NA          | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-03        | P       | 4.00E-01                 | P       |                        | 2.60E-01               | 8.95E+01 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | 6.08E+05                                | 3.86E+03                          | 3.84E+03                       | 3.84E+03                                |                        |
| Total Petroleum Hydrocarbons (Aliphatic Medium)                     | NA          | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-02        | X       | 1.00E-01                 | P       | 1.00E+00               | 1.70E+00               | 1.28E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | -                              | 1.22E+06                                | 1.22E+06               |
| Total Petroleum Hydrocarbons (Aromatic High)                        | NA          | Yes      | No        | Organics      | Organics      | -                                        |                     | 3.00E-04        | P       | 2.00E-06                 | P       | 1.00E+00               | 7.13E-01               | 2.52E+02 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | 3.65E+04                                | -                                 | 3.65E+04                       | 3.65E+04                                |                        |
| Total Petroleum Hydrocarbons (Aromatic Low)                         | NA          | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.49E-02               | 7.81E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Total Petroleum Hydrocarbons (Aromatic Medium)                      | NA          | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-02        | P       | 6.00E-02                 | P       | 1.00E+00               | 7.92E-02               | 1.20E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 2.08E+04                       | 2.05E+04                                | 2.05E+04               |
| Toxaphene                                                           | 8001-35-2   | No       | No        | Organics      | Organics      | 1.10E+00                                 | I                   | 9.00E-05        | P       | -                        |         | 1.00E+00               | 5.18E-02               | 4.48E+02 | 8.00E-01      | No      | -                        | -                              | -                              | 7.74E+02                     | -                         | 7.74E+02                        | -                                 | -                              | -                                       | 1.10E+04                          | -                              | 1.10E+04                                | 7.74E+02               |
| Toxaphene, Weathered                                                | NA          | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-05        | X       | -                        |         | 1.00E+00               | 5.18E-02               | 4.48E+02 | 8.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | 3.65E+03                                | -                                 | 3.65E+03                       | 3.65E+03                                |                        |
| Tralometrin                                                         | 66841-25-6  | No       | No        | Organics      | Organics      | -                                        |                     | 7.50E-03        | I       | -                        |         | 1.00E+00               | 3.05E-02               | 6.65E+02 | 5.00E-01      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.13E+05                          | -                              | 9.13E+05                                | 9.13E+05               |
| Tri-n-butyltin                                                      | 688-73-3    | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-04        | A       | -                        |         | 1.00E+00               | 1.93E-02               | 2.91E+02 | 9.00E-01      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 9.46E+02                       | 9.22E+02                                | 9.22E+02               |
| Triacetin                                                           | 102-76-1    | No       | No        | Organics      | Organics      | -                                        |                     | 8.00E+01        | X       | -                        |         | 1.00E+00               | 1.37E-04               | 2.18E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+04                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+09                          | 5.11E+10                       | 8.18E+09                                | 8.18E+09               |
| Triadimefon                                                         | 43121-43-3  | No       | No        | Organics      | Organics      | -                                        |                     | 3.40E-02        | O       | -                        |         | 1.00E+00               | 2.44E-03               | 2.94E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.09E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 4.14E+06                          | 7.50E+05                       | 6.35E+05                                | 6.35E+05               |
| Triallate                                                           | 2303-17-5   | No       | Yes       | Organics      | Organics      | 7.17E-02                                 | O                   | 2.50E-02        | O       | -                        |         | 1.00E+00               | 3.49E-02               | 3.05E+02 | 9.00E-01      | Yes     | 3.13E-02                 | -                              | 8.01E+00                       | 1.19E+04                     | 1.56E+02                  | 1.54E+02                        | -                                 | -                              | 3.04E+06                                | 3.99E+04                          | 3.94E+04                       | 1.54E+02                                |                        |
| Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.88E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Triasulfuron                                                        | 82097-50-5  | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | I       | -                        |         | 1.00E+00               | 4.69E-05               | 4.02E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 5.72E+06                       | 1.00E+06                                | 1.00E+06               |
| Triaziquone                                                         | 68-76-8     | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.01E-05               | 2.31E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribenuron-methyl                                                   | 101200-48-0 | No       | No        | Organics      | Organics      | -                                        |                     | 8.00E-03        | I       | -                        |         | 1.00E+00               | 4.68E-04               | 3.95E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+05                          | 4.78E+05                       | 3.20E+05                                | 3.20E+05               |
| Tribromobenzene, 1,2,4-                                             | 615-54-3    | No       | Yes       | Organics      | Organics      | -                                        |                     | 5.00E-03        | I       | -                        |         | 1.00E+00               | 3.37E-02               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 1.60E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+05                          | 7.75E+03                       | 7.65E+03                                | 7.65E+03               |
| Tribromochloromethane                                               | 594-15-0    | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.43E-03               | 2.87E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribromodiphenyl Ether                                              | 49690-94-0  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.59E-02               | 4.07E+02 | 7.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tribromophenol, 2,4,6-                                              | 118-79-6    | No       | No        | Organics      | Organics      | -                                        |                     | 9.00E-03        | X       | -                        |         | 1.00E+00               | 1.21E-02               | 3.31E+02 | 9.00E-01      | Yes     | -                        | -                              | 2.89E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+06                          | 3.50E+04                       | 3.39E+04                                | 3.39E+04               |
| Tribufos                                                            | 78-48-8     | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-04        | O       | -                        |         | 1.00E+00               | 1.65E-01               | 3.15E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | 6.34E+01                       | 6.32E+01                                | 6.32E+01               |
| Tributyl Phosphate                                                  | 126-73-8    | No       | No        | Organics      | Organics      | 9.00E-03                                 | P                   | 1.00E-02        | P       | -                        |         | 1.00E+00               | 2.28E-02               | 2.66E+02 | 9.00E-01      | Yes     | 2.49E-01                 | -                              | 3.21E+00                       | 9.46E+04                     | 2.43E+03                  | 2.37E+03                        | -                                 | -                              | 1.22E+06                                | 3.13E+04                          | 3.05E+04                       | 2.37E+03                                |                        |
| Tributyltin Compounds                                               | NA          | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-04        | P       | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | -                              | 3.65E+04                                | 3.65E+04               |
| Tributyltin Oxide                                                   | 56-35-9     | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-04        | I       | -                        |         | 1.00E+00               | 2.52E-04               | 5.96E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 9.12E+03                       | 7.30E+03                                | 7.30E+03               |
| Tributyltin chloride                                                | 1461-22-9   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 3.40E-02               | 3.25E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin fluoride                                                | 1983-10-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.38E-02               | 3.09E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin linoleate                                               | 24124-25-2  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.22E+01               | 5.69E+02 | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin methacrylate                                            | 2155-70-6   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.93E-03               | 3.75E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tributyltin naphthenate                                             | 85409-17-2  | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tricaine Methanesulfonate                                           | 886-86-2    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.90E-03               | 1.65E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tricalcium phosphate                                                | 7758-87-4   | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 3.10E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trichloramine                                                       | 10025-85-1  | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | -                      | -        | 0.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trichloro-1,2,2-trifluoroethane, 1,1,2-                             | 76-13-1     | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E+01        | I       | 5.00E+00                 | P       | 1.00E+00               | 1.75E-02               | 1.87E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+03                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+09                          | 1.83E+08                       | 1.74E+08                                | 1.74E+08               |
| Trichloro-2'-hydroxydiphenylether                                   | 3380-34-5   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 5.41E-02               | 2.90E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trichloroacetic Acid                                                | 76-03-9     | No       | No        | Organics      | Organics      | 7.00E-02                                 | I                   | 2.00E-02        | I       | -                        |         | 1.00E+00               | 1.45E-03               | 1.63E+02 | 1.00E+00      | Yes     | 3.21E-02                 | -                              | 6.41E+00                       | 1.22E+04                     | 8.60E+03                  | 5.04E+03                        | -                                 | -                              | 2.43E+06                                | 1.72E+06                          | 1.01E+06                       | 5.04E+03                                |                        |
| Trichloroaniline HCl, 2,4,6-                                        | 33663-50-2  | No       | No        | Organics      | Organics      | 2.90E-02                                 | H                   | -               |         | -                        |         | 1.00E+00               | 2.76E-05               | 2.33E+02 | 1.00E+00      | Yes     | 7.74E-02                 | -                              | -                              | 2.94E+04                     | 6.97E+05                  | 2.82E+04                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.82E+04               |
| Trichloroaniline, 2,4,5-                                            | 636-30-6    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.43E-02               | 1.96E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trichloroaniline, 2,4,6-                                            | 634-93-5    | No       | No        | Organics      | Organics      | 7.00E-03                                 | X                   | 3.00E-05        | X       | -                        |         | 1.00E+00               | 2.70E-02               | 1.96E+02 | 1.00E+00      | Yes     | 3.21E-01                 | -                              | 9.62E-03                       | 1.22E+05                     | 3.73E+03                  | 3.62E+03                        | -                                 | -                              | 3.65E+03                                | 1.12E+02                          | 1.09E+02                       | 1.09E+02                                |                        |
| Trichlorobenzene                                                    | 12002-48-1  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 9.15E-02               | 3.63E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trichlorobenzene, 1,2,3-                                            | 87-61-6     | No       | Yes       | Organics      | Organics      | -                                        |                     | 8.00E-04        | X       | -                        |         | 1.00E+00               | 7.38E-02               | 1.81E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 1.20E+03                       | 1.19E+03                                | 1.19E+03               |
| Trichlorobenzene, 1,2,4-                                            | 120-82-1    | No       | Yes       | Organics      | Organics      | 2.90E-02                                 | P                   | 1.00E-02        | I       | 2.00E-03                 | P       | 1.00E+00               | 7.05E-02               | 1.81E+02 | 1.00E+00      | Yes     | 7.74E-02                 | -                              | 3.21E+00                       | 2.94E+04                     | 3.80E+02                  | 3.75E+02                        | -                                 | -                              | 1.22E+06                                | 1.57E+04                          | 1.55E+04                       | 3.75E+02                                |                        |
| Trichloroethane, 1,1,1-                                             | 71-55-6     | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E+00        | I       | 5.00E+00                 | I       | 1.00E+00               | 1.26E-02               | 1.33E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+08                          | 2.40E+07                       | 2.19E+07                                | 2.19E+07               |
| Trichloroethane, 1,1,2-                                             | 79-00-5     | No       | Yes       | Organics      | Organics      | 5.70E-02                                 | I                   | 4.00E-03        | I       | 2.00E-04                 | X       | 1.00E+00               | 5.04E-03               | 1.33E+02 | 1.00E+00      | Yes     | 3.94E-02                 | -                              | 1.28E+00                       | 1.49E+04                     | 3.69E+03                  | 2.96E+03                        | -                                 | -                              | 4.87E+05                                | 1.20E+05                          | 9.63E+04                       | 2.96E+03                                |                        |
| Trichloroethylene                                                   | 79-01-6     | Yes      | Yes       | Organics      | Organics      | 4.60E-02                                 | I                   | 5.00E-04        | I       | 2.00E-03                 | I       | 1.00E+00               | 1.16E-02               | 1.31E+02 | 1.00E+00      | Yes     | 3.46E-02                 | -                              | 1.60E-01                       | 1.31E+04                     | 1.43E+03                  | 1.29E+03                        | -                                 | -                              | 6.08E+04                                | 6.61E+03                          | 5.96E+03                       | 1.29E+03                                |                        |
| Trichlorofluoromethane                                              | 75-69-4     | No       | Yes       | Organics      | Organics      | -                                        |                     | 3.00E-01        | I       | -                        |         | 1.00E+00               | 1.27E-02               | 1.37E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+07                          | 3.48E+06                       | 3.18E+06                                | 3.18E+06               |
| Trichlorophenol, 2,4,5-                                             | 95-95-4     | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-01        | I       | -                        |         | 1.00E+00               | 3.62E-02               | 1.97E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+07                          | 2.77E+05                       | 2.70E+05                                | 2.70E+05               |
| Trichlorophenol, 2,4,6-                                             | 88-06-2     | No       | No        | Organics      | Organics      | 1.10E-02                                 | I                   | 1.00E-03        | P       | -                        |         | 1.00E+00               | 3.46E-02               | 1.97E+02 | 1.00E+00      | Yes     | 2.04E-01                 | -                              | 3.21E-01                       | 7.74E+04                     | 1.84E+03                  | 1.80E+03                        | -                                 | -                              | 1.22E+05                                | 2.89E+03                          | 2.83E+03                       | 1.80E+03                                |                        |
| Trichlorophenoxyacetic Acid, 2,4,5-                                 | 93-76-5     | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | I       | -                        |         | 1.00E+00               | 9.14E-03               | 2.55E+02 | 9.00E-01      | Yes     |                          |                                |                                |                              |                           |                                 |                                   |                                |                                         |                                   |                                |                                         |                        |

Recreator Risk-Based Regional Screening Levels (RSL) for Surface Water

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                              | CAS Number | Mutagen? | Volatile? | Chemical Type | Chemical Type | SF <sub>6</sub> (mg/kg-day) <sup>1</sup> | SF <sub>6</sub> Ref | RfD (mg/kg-day) | RfD Ref | RfC (mg/m <sup>3</sup> ) | RfC Ref | RAGSe GIABS (unitless) | K <sub>0</sub> (cm/hr) | MW       | FA (unitless) | In EPD? | DA <sub>event</sub> (ca) | DA <sub>event</sub> (nc child) | DA <sub>event</sub> (nc adult) | Ingestion SL TR=1E-06 (ug/L) | Dermal SL TR=1E-06 (ug/L) | Carcinogenic SL TR=1E-06 (ug/L) | Ingestion SL (Child) THQ=1 (ug/L) | Dermal SL (Child) THQ=1 (ug/L) | Noncarcinogenic SL (Child) THQ=1 (ug/L) | Ingestion SL (Adult) THQ=1 (ug/L) | Dermal SL (Adult) THQ=1 (ug/L) | Noncarcinogenic SL (Adult) THQ=1 (ug/L) | Screening Level (ug/L) |
|---------------------------------------|------------|----------|-----------|---------------|---------------|------------------------------------------|---------------------|-----------------|---------|--------------------------|---------|------------------------|------------------------|----------|---------------|---------|--------------------------|--------------------------------|--------------------------------|------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------------|------------------------|
| Tripotassium phosphate                | 7778-53-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 2.12E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Tripropyl Lead                        | 6618-03-7  | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.93E-02               | 3.37E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | No       | No        | Organics      | Organics      | -                                        |                     | 2.00E-02        | A       | -                        |         | 1.00E+00               | 1.59E-03               | 4.31E+02 | 9.00E-01      | Yes     | -                        | -                              | 6.41E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+06                          | 3.11E+05                       | 2.75E+05                                | 2.75E+05               |
| Tris(1-chloro-2-propyl)phosphate      | 13674-84-5 | No       | No        | Organics      | Organics      | -                                        |                     | 1.00E-02        | X       | -                        |         | 1.00E+00               | 1.20E-03               | 3.28E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+00                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+06                          | 3.61E+05                       | 2.78E+05                                | 2.78E+05               |
| Tris(2,3-dibromopropyl)phosphate      | 126-72-7   | No       | Yes       | Organics      | Organics      | 2.30E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 1.35E-04               | 6.98E+02 | 1.00E+00      | No      | -                        | -                              | -                              | 3.70E+02                     | -                         | 3.70E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 3.70E+02               |
| Tris(2-chloroethyl)phosphate          | 115-96-8   | No       | No        | Organics      | Organics      | 2.00E-02                                 | P                   | 7.00E-03        | P       | -                        |         | 1.00E+00               | 3.55E-04               | 2.85E+02 | 1.00E+00      | Yes     | 1.12E-01                 | -                              | 2.24E+00                       | 4.26E+04                     | 5.60E+04                  | 2.42E+04                        | -                                 | -                              | -                                       | 8.52E+05                          | 1.12E+06                       | 4.84E+05                                | 2.42E+04               |
| Tris(2-ethylhexyl)phosphate           | 78-42-2    | No       | No        | Organics      | Organics      | 3.20E-03                                 | P                   | 1.00E-01        | P       | -                        |         | 1.00E+00               | 1.16E+01               | 4.35E+02 | 0.00E+00      | No      | -                        | -                              | -                              | 2.66E+05                     | -                         | 2.66E+05                        | -                                 | -                              | -                                       | 1.22E+07                          | -                              | 1.22E+07                                | 2.66E+05               |
| Triisobutoxyethyl Phosphate           | 78-51-3    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.82E-03               | 3.98E+02 | 9.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Trisodium phosphate                   | 7601-54-9  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 1.00E+00        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 3.21E+08                       | 8.82E+07                                | 8.82E+07               |
| Trithion                              | 786-19-6   | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 6.50E-02               | 3.43E+02 | 8.00E-01      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Tungsten                              | 7440-33-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 8.00E-04        | P       | -                        |         | 1.00E+00               | 1.00E-03               | 1.84E+02 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+04                          | 2.56E+05                       | 7.06E+04                                | 7.06E+04               |
| Uranium                               | 7440-61-1  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 2.00E-04        | A       | 4.00E-05                 | A       | 1.00E+00               | 1.00E-03               | 2.38E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+04                          | 6.41E+04                       | 1.76E+04                                | 1.76E+04               |
| Urea                                  | 57-13-6    | No       | No        | Organics      | Organics      | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 2.86E-05               | 6.01E+01 | 1.00E+00      | No      | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Urethane                              | 51-79-6    | Yes      | No        | Organics      | Organics      | 1.00E+00                                 | C                   | -               |         | -                        |         | 1.00E+00               | 3.94E-04               | 8.91E+01 | 1.00E+00      | Yes     | 7.48E-04                 | -                              | -                              | 2.84E+02                     | 1.14E+03                  | 2.27E+02                        | -                                 | -                              | -                                       | -                                 | -                              | -                                       | 2.27E+02               |
| Vanadium Pentoxide                    | 1314-62-1  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 9.00E-03        | I       | 7.00E-06                 | P       | 2.60E-02               | 1.00E-03               | 1.82E+02 | 1.00E+00      | Yes     | -                        | -                              | 7.50E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.10E+06                          | 7.50E+04                       | 7.02E+04                                | 7.02E+04               |
| Vanadium Sulfate                      | 36907-42-3 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 2.60E-02               | 1.00E-03               | 2.73E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vanadium and Compounds                | 7440-62-2  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.04E-03        | G       | 1.00E-04                 | A       | 2.60E-02               | 1.00E-03               | 5.09E+01 | 1.00E+00      | Yes     | -                        | -                              | 4.20E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.13E+05                          | 4.20E+04                       | 3.93E+04                                | 3.93E+04               |
| Vanadyl Sulfate                       | 27774-13-6 | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.64E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vernolate                             | 1929-77-7  | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E-03        | I       | -                        |         | 1.00E+00               | 4.03E-02               | 2.03E+02 | 1.00E+00      | Yes     | -                        | -                              | 3.21E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+05                          | 2.39E+03                       | 2.35E+03                                | 2.35E+03               |
| Vinclozolin                           | 50471-44-8 | No       | No        | Organics      | Organics      | -                                        |                     | 1.20E-03        | O       | -                        |         | 1.00E+00               | 4.46E-03               | 2.86E+02 | 9.00E-01      | Yes     | -                        | -                              | 3.85E-01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.46E+05                          | 1.69E+04                       | 1.51E+04                                | 1.51E+04               |
| Vinyl Acetate                         | 108-05-4   | No       | Yes       | Organics      | Organics      | -                                        |                     | 1.00E+00        | H       | 2.00E-01                 | I       | 1.00E+00               | 1.57E-03               | 8.61E+01 | 1.00E+00      | Yes     | -                        | -                              | 3.21E+02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 1.22E+08                          | 1.25E+08                       | 6.16E+07                                | 6.16E+07               |
| Vinyl Bromide                         | 593-60-2   | No       | Yes       | Organics      | Organics      | -                                        |                     | -               |         | 3.00E-03                 | I       | 1.00E+00               | 4.35E-03               | 1.07E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Vinyl Chloride                        | 75-01-4    | Yes      | Yes       | Organics      | Organics      | 7.20E-01                                 | I                   | 3.00E-03        | I       | 1.00E-01                 | I       | 1.00E+00               | 8.38E-03               | 6.25E+01 | 1.00E+00      | Yes     | 3.12E-03                 | -                              | 9.62E-01                       | 1.18E+03                     | 2.55E+02                  | 2.10E+02                        | -                                 | -                              | -                                       | 3.65E+05                          | 7.87E+04                       | 6.47E+04                                | 2.10E+02               |
| Warfarin                              | 81-81-2    | No       | No        | Organics      | Organics      | -                                        |                     | 3.00E-04        | I       | -                        |         | 1.00E+00               | 1.82E-03               | 3.08E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 8.08E+03                       | 6.61E+03                                | 6.61E+03               |
| Xylene, m-                            | 108-38-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 5.32E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 6.62E+05                       | 6.44E+05                                | 6.44E+05               |
| Xylene, o-                            | 95-47-6    | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 4.71E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 7.48E+05                       | 7.26E+05                                | 7.26E+05               |
| Xylene, p-                            | 106-42-3   | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-01        | G       | 1.00E-01                 | G       | 1.00E+00               | 4.93E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 7.14E+05                       | 6.94E+05                                | 6.94E+05               |
| Xylenes                               | 1330-20-7  | No       | Yes       | Organics      | Organics      | -                                        |                     | 2.00E-01        | I       | 1.00E-01                 | I       | 1.00E+00               | 5.00E-02               | 1.06E+02 | 1.00E+00      | Yes     | -                        | -                              | 6.41E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 2.43E+07                          | 7.04E+05                       | 6.84E+05                                | 6.84E+05               |
| Ytterbium                             | 7440-64-4  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 1.73E+02 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Yttrium                               | 7440-65-5  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | -               |         | -                        |         | 1.00E+00               | 1.00E-03               | 8.89E+01 | 1.00E+00      | Yes     | -                        | -                              | -                              | -                            | -                         | -                               | -                                 | -                              | -                                       | -                                 | -                              | -                                       | -                      |
| Zinc Cyanide                          | 557-21-1   | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 1.17E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 2.67E+07                       | 4.95E+06                                | 4.95E+06               |
| Zinc Phosphide                        | 1314-84-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 3.00E-04        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 2.58E+02 | 1.00E+00      | Yes     | -                        | -                              | 9.62E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+04                          | 1.60E+05                       | 2.97E+04                                | 2.97E+04               |
| Zinc and Compounds                    | 7440-66-6  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 3.00E-01        | I       | -                        |         | 1.00E+00               | 6.00E-04               | 6.54E+01 | 1.00E+00      | Yes     | -                        | -                              | 9.62E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 3.65E+07                          | 1.60E+08                       | 2.97E+07                                | 2.97E+07               |
| Zineb                                 | 12122-67-7 | No       | No        | Organics      | Organics      | -                                        |                     | 5.00E-02        | I       | -                        |         | 1.00E+00               | 3.25E-04               | 2.76E+02 | 1.00E+00      | Yes     | -                        | -                              | 1.60E+01                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 6.08E+06                          | 9.30E+06                       | 3.68E+06                                | 3.68E+06               |
| Zirconium                             | 7440-67-7  | No       | No        | Inorganics    | Inorganics    | -                                        |                     | 8.00E-05        | X       | -                        |         | 1.00E+00               | 1.00E-03               | 9.12E+01 | 1.00E+00      | Yes     | -                        | -                              | 2.56E-02                       | -                            | -                         | -                               | -                                 | -                              | -                                       | 9.73E+03                          | 2.56E+04                       | 7.06E+03                                | 7.06E+03               |

Attachment C1. Adult Fish/Crab Consumption Input Parameter Values  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Variable                                                    | Fish<br>Default<br>Value | Site-Specific<br>Value |
|-------------------------------------------------------------|--------------------------|------------------------|
| AT (averaging time)                                         | 365                      | 365                    |
| BW <sub>res-a</sub> (body weight) kg                        | 80                       | 80                     |
| ED <sub>res</sub> (exposure duration) yr                    | 26                       | 20                     |
| EF <sub>res-a</sub> (exposure frequency) days/yr            | 350                      | 60                     |
| THQ (target hazard quotient) unitless                       | 0.1                      | 1                      |
| IRF <sub>res-a</sub> (fish consumption rate - adult) mg/day |                          | 36300                  |
| LT (lifetime) yr                                            | 70                       | 70                     |
| TR (target cancer risk) unitless                            | 1E-06                    | 0.000001               |

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Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Acenaphthene                       | 83-32-9    | No       | Yes       | Organics      | -                                         |                     | 6.00E-02        | I       | -                             | 8.04E+02                   | 8.04E+02                |
| Acenaphthylene                     | 208-96-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acephate                           | 30560-19-1 | No       | No        | Organics      | -                                         |                     | 3.00E-04        | O       | -                             | 4.02E+00                   | 4.02E+00                |
| Acetaldehyde                       | 75-07-0    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acetochlor                         | 34256-82-1 | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Acetone                            | 67-64-1    | No       | Yes       | Organics      | -                                         |                     | 9.00E-01        | I       | -                             | 1.21E+04                   | 1.21E+04                |
| Acetone Cyanohydrin                | 75-86-5    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acetonitrile                       | 75-05-8    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acetophenone                       | 98-86-2    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Acetylaminofluorene, 2-            | 53-96-3    | No       | No        | Organics      | 3.80E+00                                  | C                   | -               |         | 1.23E-02                      | -                          | 1.23E-02                |
| Acifluorofen                       | 50594-66-6 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acridine                           | 260-94-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Acrolein                           | 107-02-8   | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Acrylamide                         | 79-06-1    | Yes      | No        | Organics      | 5.00E-01                                  | I                   | 2.00E-03        | I       | 9.38E-02                      | 2.68E+01                   | 9.38E-02                |
| Acrylic Acid                       | 79-10-7    | No       | Yes       | Organics      | -                                         |                     | 5.00E-01        | I       | -                             | 6.70E+03                   | 6.70E+03                |
| Acrylonitrile                      | 107-13-1   | No       | Yes       | Organics      | 5.40E-01                                  | I                   | 1.00E-02        | A       | 8.69E-02                      | 1.34E+02                   | 8.69E-02                |
| Adiponitrile                       | 111-69-3   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Alachlor                           | 15972-60-8 | No       | No        | Organics      | 5.60E-02                                  | C                   | 1.00E-02        | I       | 8.38E-01                      | 1.34E+02                   | 8.38E-01                |
| Aldicarb                           | 116-06-3   | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Aldicarb Sulfone                   | 1646-88-4  | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Aldicarb sulfoxide                 | 1646-87-3  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Aldrin                             | 309-00-2   | No       | Yes       | Organics      | 1.70E+01                                  | I                   | 3.00E-05        | I       | 2.76E-03                      | 4.02E-01                   | 2.76E-03                |
| Alizarin Red Compounds             | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Allyl Alcohol                      | 107-18-6   | No       | Yes       | Organics      | -                                         |                     | 4.00E-03        | P       | -                             | 5.36E+01                   | 5.36E+01                |
| Allyl Chloride                     | 107-05-1   | No       | Yes       | Organics      | 2.10E-02                                  | C                   | -               |         | 2.23E+00                      | -                          | 2.23E+00                |
| Aluminum                           | 7429-90-5  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Aluminum Phosphide                 | 20859-73-8 | No       | No        | Inorganics    | -                                         |                     | 4.00E-04        | I       | -                             | 5.36E+00                   | 5.36E+00                |
| Aluminum metaphosphate             | 13776-88-0 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Ametryn                            | 834-12-8   | No       | No        | Organics      | -                                         |                     | 9.00E-03        | I       | -                             | 1.21E+02                   | 1.21E+02                |
| Amino-4-chlorobenzotrifluoride, 3- | 121-50-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Aminoazobenzene, p-                | 60-09-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Aminobiphenyl, 4-                  | 92-67-1    | No       | No        | Organics      | 2.10E+01                                  | C                   | -               |         | 2.23E-03                      | -                          | 2.23E-03                |
| Aminophenol, m-                    | 591-27-5   | No       | No        | Organics      | -                                         |                     | 8.00E-02        | P       | -                             | 1.07E+03                   | 1.07E+03                |
| Aminophenol, o-                    | 95-55-6    | No       | No        | Organics      | -                                         |                     | 4.00E-03        | X       | -                             | 5.36E+01                   | 5.36E+01                |
| Aminophenol, p-                    | 123-30-8   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Aminopyridine, 4-                  | 504-24-5   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Amitraz                            | 33089-61-1 | No       | No        | Organics      | -                                         |                     | 2.50E-03        | I       | -                             | 3.35E+01                   | 3.35E+01                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                   | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Ammonium Perchlorate                       | 7790-98-9  | No       | No        | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                             | 9.38E+00                   | 9.38E+00                |
| Ammonium Picrate                           | 131-74-8   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | X       | -                             | 2.68E+01                   | 2.68E+01                |
| Ammonium Sulfamate                         | 7773-06-0  | No       | No        | Inorganics    | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Ammonium perfluoro-2-methyl-3-oxahexanoate | 62037-80-3 | No       | No        | Organics      | -                                         |                     | 3.00E-06        | D       | -                             | 4.02E-02                   | 4.02E-02                |
| Ammonium perfluorobutanoate                | 10495-86-0 | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Ammonium perfluorohexanoate                | 21615-47-4 | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Ammonium polyphosphate                     | 68333-79-9 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Amyl Alcohol, tert-                        | 75-85-4    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Aniline                                    | 62-53-3    | No       | No        | Organics      | 5.70E-03                                  | I                   | 7.00E-03        | P       | 8.23E+00                      | 9.38E+01                   | 8.23E+00                |
| Anilinobenzothiazole                       | 1843-21-6  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Anthracene                                 | 120-12-7   | No       | Yes       | Organics      | -                                         |                     | 3.00E-01        | I       | -                             | 4.02E+03                   | 4.02E+03                |
| Anthraquinone, 9,10-                       | 84-65-1    | No       | No        | Organics      | 4.00E-02                                  | P                   | 2.00E-03        | X       | 1.17E+00                      | 2.68E+01                   | 1.17E+00                |
| Antimony (metallic)                        | 7440-36-0  | No       | No        | Inorganics    | -                                         |                     | 4.00E-04        | I       | -                             | 5.36E+00                   | 5.36E+00                |
| Antimony Pentoxide                         | 1314-60-9  | No       | No        | Inorganics    | -                                         |                     | 5.00E-04        | H       | -                             | 6.70E+00                   | 6.70E+00                |
| Antimony Potassium Tartrate                | 11071-15-1 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Antimony Tetroxide                         | 1332-81-6  | No       | No        | Inorganics    | -                                         |                     | 4.00E-04        | H       | -                             | 5.36E+00                   | 5.36E+00                |
| Antimony Trichloride                       | 10025-91-9 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Antimony Trioxide                          | 1309-64-4  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Aroclor 1016                               | 12674-11-2 | No       | Yes       | Organics      | 7.00E-02                                  | G                   | 7.00E-05        | I       | 6.70E-01                      | 9.38E-01                   | 6.70E-01                |
| Aroclor 1221                               | 11104-28-2 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Aroclor 1232                               | 11141-16-5 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Aroclor 1242                               | 53469-21-9 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Aroclor 1248                               | 12672-29-6 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Aroclor 1254                               | 11097-69-1 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | 2.00E-05        | I       | 2.35E-02                      | 2.68E-01                   | 2.35E-02                |
| Aroclor 1260                               | 11096-82-5 | No       | Yes       | Organics      | 2.00E+00                                  | G                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Aroclor 5460                               | 11126-42-4 | No       | Yes       | Organics      | -                                         |                     | 6.00E-04        | X       | -                             | 8.04E+00                   | 8.04E+00                |
| Arsenic Salts                              | NA         | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Arsenic, Inorganic                         | 7440-38-2  | No       | No        | Inorganics    | 1.50E+00                                  | I                   | 3.00E-04        | I       | 3.13E-02                      | 4.02E+00                   | 3.13E-02                |
| Arsine                                     | 7784-42-1  | No       | No        | Inorganics    | -                                         |                     | 3.50E-06        | C       | -                             | 4.69E-02                   | 4.69E-02                |
| Asulam                                     | 3337-71-1  | No       | No        | Organics      | -                                         |                     | 3.60E-01        | O       | -                             | 4.83E+03                   | 4.83E+03                |
| Atrazine                                   | 1912-24-9  | No       | No        | Organics      | 2.30E-01                                  | C                   | 3.00E-03        | A       | 2.04E-01                      | 4.02E+01                   | 2.04E-01                |
| Auramine                                   | 492-80-8   | No       | No        | Organics      | 8.80E-01                                  | C                   | -               |         | 5.33E-02                      | -                          | 5.33E-02                |
| Avermectin B1                              | 65195-55-3 | No       | No        | Organics      | -                                         |                     | 4.00E-04        | I       | -                             | 5.36E+00                   | 5.36E+00                |
| Azinphos-methyl                            | 86-50-0    | No       | No        | Organics      | -                                         |                     | 3.00E-03        | A       | -                             | 4.02E+01                   | 4.02E+01                |
| Azobenzene                                 | 103-33-3   | No       | Yes       | Organics      | 1.10E-01                                  | I                   | -               |         | 4.27E-01                      | -                          | 4.27E-01                |
| Azodicarbonamide                           | 123-77-3   | No       | No        | Organics      | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |

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| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Barium                                 | 7440-39-3  | No       | No        | Inorganics    | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Barium Cyanide                         | 542-62-1   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Benfluralin                            | 1861-40-1  | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | O       | -                             | 6.70E+01                   | 6.70E+01                |
| Benomyl                                | 17804-35-2 | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Bensulfuron-methyl                     | 83055-99-6 | No       | No        | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Bentazon                               | 25057-89-0 | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Benz[a]anthracene                      | 56-55-3    | Yes      | Yes       | Organics      | 1.00E-01                                  | E                   | -               |         | 4.69E-01                      | -                          | 4.69E-01                |
| Benzaldehyde                           | 100-52-7   | No       | Yes       | Organics      | 4.00E-03                                  | P                   | 1.00E-01        | I       | 1.17E+01                      | 1.34E+03                   | 1.17E+01                |
| Benzene                                | 71-43-2    | No       | Yes       | Organics      | 5.50E-02                                  | I                   | 4.00E-03        | I       | 8.53E-01                      | 5.36E+01                   | 8.53E-01                |
| Benzene, Ethyldimethyl                 | 29224-55-3 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzene, Ethylmethyl                   | 25550-14-5 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzene, Methylpropenyl                | 768-00-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzene, Methylpropyl                  | 28729-54-6 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzene, Trimethyl                     | 25551-13-7 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzenediamine-2-methyl sulfate, 1,4-  | 6369-59-1  | No       | No        | Organics      | 1.00E-01                                  | X                   | 3.00E-04        | X       | 4.69E-01                      | 4.02E+00                   | 4.69E-01                |
| Benzenethiol                           | 108-98-5   | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | P       | -                             | 1.34E+01                   | 1.34E+01                |
| Benzidine                              | 92-87-5    | Yes      | No        | Organics      | 2.30E+02                                  | I                   | 3.00E-03        | I       | 2.04E-04                      | 4.02E+01                   | 2.04E-04                |
| Benzo(e)pyrene                         | 192-97-2   | No       | No        | Organics      | -                                         |                     | 9.00E-05        | X       | -                             | 1.21E+00                   | 1.21E+00                |
| Benzo(j)fluoranthene                   | 205-82-3   | No       | No        | Organics      | 1.20E+00                                  | C                   | -               |         | 3.91E-02                      | -                          | 3.91E-02                |
| Benzo[a]pyrene                         | 50-32-8    | Yes      | No        | Organics      | 1.00E+00                                  | I                   | 3.00E-04        | I       | 4.69E-02                      | 4.02E+00                   | 4.69E-02                |
| Benzo[b]fluoranthene                   | 205-99-2   | Yes      | No        | Organics      | 1.00E-01                                  | E                   | -               |         | 4.69E-01                      | -                          | 4.69E-01                |
| Benzo[g,h,i]perylene                   | 191-24-2   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzo[k]fluoranthene                   | 207-08-9   | Yes      | No        | Organics      | 1.00E-02                                  | E                   | -               |         | 4.69E+00                      | -                          | 4.69E+00                |
| Benzofluoranthenes, total              | 56832-73-6 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzofluorene, 2,3-                    | 243-17-4   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzoic Acid                           | 65-85-0    | No       | No        | Organics      | -                                         |                     | 4.00E+00        | I       | -                             | 5.36E+04                   | 5.36E+04                |
| Benzoic acid, 4-hydroxy-, methyl ester | 99-76-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzothiazole                          | 95-16-9    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Benzotrichloride                       | 98-07-7    | No       | Yes       | Organics      | 1.30E+01                                  | I                   | -               |         | 3.61E-03                      | -                          | 3.61E-03                |
| Benzyl Alcohol                         | 100-51-6   | No       | No        | Organics      | -                                         |                     | 1.00E-01        | P       | -                             | 1.34E+03                   | 1.34E+03                |
| Benzyl Chloride                        | 100-44-7   | No       | Yes       | Organics      | 1.70E-01                                  | I                   | 2.00E-03        | P       | 2.76E-01                      | 2.68E+01                   | 2.76E-01                |
| Beryllium and compounds                | 7440-41-7  | No       | No        | Inorganics    | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Bifenox                                | 42576-02-3 | No       | No        | Organics      | -                                         |                     | 9.00E-03        | P       | -                             | 1.21E+02                   | 1.21E+02                |
| Biphen thrin                           | 82657-04-3 | No       | No        | Organics      | -                                         |                     | 1.50E-02        | I       | -                             | 2.01E+02                   | 2.01E+02                |
| Biphenyl, 1,1'-                        | 92-52-4    | No       | Yes       | Organics      | 8.00E-03                                  | I                   | 5.00E-01        | I       | 5.87E+00                      | 6.70E+03                   | 5.87E+00                |
| Bis(2-chloro-1-methylethyl) ether      | 108-60-1   | No       | Yes       | Organics      | -                                         |                     | 4.00E-02        | I       | -                             | 5.36E+02                   | 5.36E+02                |

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| Chemical                                | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Bis(2-chloroethoxy)methane              | 111-91-1   | No       | No        | Organics      | -                                         |                     | 3.00E-03        | P       | -                             | 4.02E+01                   | 4.02E+01                |
| Bis(2-chloroethyl)ether                 | 111-44-4   | No       | Yes       | Organics      | 1.10E+00                                  | I                   | -               |         | 4.27E-02                      | -                          | 4.27E-02                |
| Bis(2-ethylhexyl)phthalate              | 117-81-7   | No       | No        | Organics      | 1.40E-02                                  | I                   | 2.00E-02        | I       | 3.35E+00                      | 2.68E+02                   | 3.35E+00                |
| Bis(Octanoyloxy)Di-N-Butyl Stannane     | 4731-77-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bis(chloromethyl)ether                  | 542-88-1   | No       | Yes       | Organics      | 2.20E+02                                  | I                   | -               |         | 2.13E-04                      | -                          | 2.13E-04                |
| Bis(oleoyloxy)dibutyl tin               | 13323-62-1 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bisphenol A                             | 80-05-7    | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Boron And Borates Only                  | 7440-42-8  | No       | No        | Inorganics    | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Boron Trichloride                       | 10294-34-5 | No       | Yes       | Inorganics    | -                                         |                     | 2.00E+00        | P       | -                             | 2.68E+04                   | 2.68E+04                |
| Boron Trifluoride                       | 7637-07-2  | No       | Yes       | Inorganics    | -                                         |                     | 4.00E-02        | C       | -                             | 5.36E+02                   | 5.36E+02                |
| Bromacil                                | 314-40-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromate                                 | 15541-45-4 | No       | No        | Inorganics    | 7.00E-01                                  | I                   | 4.00E-03        | I       | 6.70E-02                      | 5.36E+01                   | 6.70E-02                |
| Bromine                                 | 7726-95-6  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromo-2-chloroethane, 1-                | 107-04-0   | No       | Yes       | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Bromo-3-fluorobenzene, 1-               | 1073-06-9  | No       | Yes       | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| Bromo-4-Ethylbenzene, 1-                | 1585-07-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromo-4-fluorobenzene, 1-               | 460-00-4   | No       | Yes       | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| Bromoacetic acid                        | 79-08-3    | No       | No        | Organics      | -                                         |                     | 1.70E-03        | C       | -                             | 2.28E+01                   | 2.28E+01                |
| Bromoacetophenone, 3-                   | 2142-63-4  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromobenzene                            | 108-86-1   | No       | Yes       | Organics      | -                                         |                     | 8.00E-03        | I       | -                             | 1.07E+02                   | 1.07E+02                |
| Bromochloromethane                      | 74-97-5    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromodichloromethane                    | 75-27-4    | No       | Yes       | Organics      | 6.20E-02                                  | I                   | 8.00E-03        | P       | 7.57E-01                      | 1.07E+02                   | 7.57E-01                |
| Bromodiphenyl Ether, p-                 | 101-55-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromoform                               | 75-25-2    | No       | Yes       | Organics      | 7.90E-03                                  | I                   | 2.00E-02        | I       | 5.94E+00                      | 2.68E+02                   | 5.94E+00                |
| Bromomethane                            | 74-83-9    | No       | Yes       | Organics      | -                                         |                     | 1.40E-03        | I       | -                             | 1.88E+01                   | 1.88E+01                |
| Bromophenol, p-                         | 106-41-2   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromophenyl-phenyl phthalate, 4-        | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromophos                               | 2104-96-3  | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | H       | -                             | 6.70E+01                   | 6.70E+01                |
| Bromopropane, 1-                        | 106-94-5   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromopyridine, 2-                       | 109-04-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromotrichloromethane                   | 75-62-7    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Bromoxynil                              | 1689-84-5  | No       | No        | Organics      | 1.03E-01                                  | O                   | 1.50E-02        | O       | 4.56E-01                      | 2.01E+02                   | 4.56E-01                |
| Bromoxynil Octanoate                    | 1689-99-2  | No       | Yes       | Organics      | 1.03E-01                                  | O                   | 1.50E-02        | O       | 4.56E-01                      | 2.01E+02                   | 4.56E-01                |
| Butadiene, 1,3-                         | 106-99-0   | No       | Yes       | Organics      | 6.00E-01                                  | C                   | -               |         | 7.82E-02                      | -                          | 7.82E-02                |
| Butanediol, 2,3-                        | 513-85-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butanol                                 | 35296-72-1 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

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| Chemical                          | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Butanol, N-                       | 71-36-3    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Butanone-2, 4-chloro-4,4-difluoro | 1515-16-8  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butyl Alcohol, t-                 | 75-65-0    | No       | Yes       | Organics      | 5.00E-04                                  | I                   | 4.00E-01        | I       | 9.38E+01                      | 5.36E+03                   | 9.38E+01                |
| Butyl Benzyl Phthalate            | 85-68-7    | No       | No        | Organics      | 1.90E-03                                  | P                   | 2.00E-01        | I       | 2.47E+01                      | 2.68E+03                   | 2.47E+01                |
| Butyl Formate, tert-              | 762-75-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butyl acrylate, n-                | 141-32-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butyl alcohol, sec-               | 78-92-2    | No       | Yes       | Organics      | -                                         |                     | 2.00E+00        | P       | -                             | 2.68E+04                   | 2.68E+04                |
| Butylacetate                      | 123-86-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butylate                          | 2008-41-5  | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Butylated hydroxyanisole          | 25013-16-5 | No       | No        | Organics      | 2.00E-04                                  | C                   | -               |         | 2.35E+02                      | -                          | 2.35E+02                |
| Butylated hydroxytoluene          | 128-37-0   | No       | No        | Organics      | 3.60E-03                                  | P                   | 3.00E-01        | P       | 1.30E+01                      | 4.02E+03                   | 1.30E+01                |
| Butylbenzene, n-                  | 104-51-8   | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | P       | -                             | 6.70E+02                   | 6.70E+02                |
| Butylbenzene, sec-                | 135-98-8   | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | X       | -                             | 1.34E+03                   | 1.34E+03                |
| Butylbenzene, tert-               | 98-06-6    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | X       | -                             | 1.34E+03                   | 1.34E+03                |
| Butylchloride, t-                 | 507-20-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Butylphthalyl Butylglycolate      | 85-70-1    | No       | No        | Organics      | -                                         |                     | 1.00E+00        | I       | -                             | 1.34E+04                   | 1.34E+04                |
| Butyltin                          | 78763-54-9 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cacodylic Acid                    | 75-60-5    | No       | No        | Organics      | -                                         |                     | 2.00E-02        | A       | -                             | 2.68E+02                   | 2.68E+02                |
| Cadmium (Diet)                    | 7440-43-9  | No       | No        | Inorganics    | -                                         |                     | 1.00E-04        | A       | -                             | 1.34E+00                   | 1.34E+00                |
| Calcium                           | 7440-70-2  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Calcium Cyanide                   | 592-01-8   | No       | No        | Inorganics    | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Calcium hydroxide phosphate       | 12167-74-7 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Calcium pyrophosphate             | 7790-76-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Caprolactam                       | 105-60-2   | No       | No        | Organics      | -                                         |                     | 5.00E-01        | I       | -                             | 6.70E+03                   | 6.70E+03                |
| Captafol                          | 2425-06-1  | No       | No        | Organics      | 1.50E-01                                  | C                   | 2.00E-03        | I       | 3.13E-01                      | 2.68E+01                   | 3.13E-01                |
| Captan                            | 133-06-2   | No       | No        | Organics      | 2.30E-03                                  | C                   | 1.30E-01        | I       | 2.04E+01                      | 1.74E+03                   | 2.04E+01                |
| Carbaryl                          | 63-25-2    | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Carbazole                         | 86-74-8    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Carbofuran                        | 1563-66-2  | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Carbon Disulfide                  | 75-15-0    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Carbon Tetrachloride              | 56-23-5    | No       | Yes       | Organics      | 7.00E-02                                  | I                   | 4.00E-03        | I       | 6.70E-01                      | 5.36E+01                   | 6.70E-01                |
| Carbonyl Sulfide                  | 463-58-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Carbosulfan                       | 55285-14-8 | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Carboxin                          | 5234-68-4  | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Catechol                          | 120-80-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ceric oxide                       | 1306-38-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Cerium, Stable                    | 7440-45-1  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Chloral                                | 75-87-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloral Hydrate                        | 302-17-0   | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Chloramben                             | 133-90-4   | No       | No        | Organics      | -                                         |                     | 1.50E-02        | I       | -                             | 2.01E+02                   | 2.01E+02                |
| Chloramine                             | 127-65-1   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloramines, Organic                   | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloranil                              | 118-75-2   | No       | No        | Organics      | 4.03E-01                                  | H                   | -               |         | 1.16E-01                      | -                          | 1.16E-01                |
| Chlorate (ClO3) as                     | 14866-68-3 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlordane (alpha)                      | 5103-71-9  | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | G       | -                             | 6.70E+00                   | 6.70E+00                |
| Chlordane (gamma)                      | 5103-74-2  | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | G       | -                             | 6.70E+00                   | 6.70E+00                |
| Chlordane (technical mixture)          | 12789-03-6 | No       | Yes       | Organics      | 3.50E-01                                  | I                   | 5.00E-04        | I       | 1.34E-01                      | 6.70E+00                   | 1.34E-01                |
| Chlordecone (Kepone)                   | 143-50-0   | No       | No        | Organics      | 1.00E+01                                  | I                   | 3.00E-04        | I       | 4.69E-03                      | 4.02E+00                   | 4.69E-03                |
| Chlorfenvinphos                        | 470-90-6   | No       | No        | Organics      | -                                         |                     | 7.00E-04        | A       | -                             | 9.38E+00                   | 9.38E+00                |
| Chloride                               | 16887-00-6 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorimuron, Ethyl-                    | 90982-32-4 | No       | No        | Organics      | -                                         |                     | 9.00E-02        | O       | -                             | 1.21E+03                   | 1.21E+03                |
| Chlorinated Hydrocarbons (total)       | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorine                               | 7782-50-5  | No       | Yes       | Inorganics    | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Chlorine Dioxide                       | 10049-04-4 | No       | Yes       | Inorganics    | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Chlorite                               | 14998-27-7 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorite (Sodium Salt)                 | 7758-19-2  | No       | No        | Inorganics    | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Chloro-1,1-difluoroethane, 1-          | 75-68-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloro-1,3-butadiene, 2- (Chloroprene) | 126-99-8   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | H       | -                             | 2.68E+02                   | 2.68E+02                |
| Chloro-2-methylaniline HCl, 4-         | 3165-93-3  | No       | No        | Organics      | 4.60E-01                                  | H                   | -               |         | 1.02E-01                      | -                          | 1.02E-01                |
| Chloro-2-methylaniline, 4-             | 95-69-2    | No       | No        | Organics      | 1.00E-01                                  | P                   | 3.00E-03        | X       | 4.69E-01                      | 4.02E+01                   | 4.69E-01                |
| Chloro-2-methylphenol, 4-              | 1570-64-5  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloro-4-methylphenol                  | 35421-08-0 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloro-6-fluorophenol, 2-              | 2040-90-6  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroacetaldehyde, 2-                 | 107-20-0   | No       | Yes       | Organics      | 2.70E-01                                  | X                   | -               |         | 1.74E-01                      | -                          | 1.74E-01                |
| Chloroacetamide                        | 79-07-2    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroacetic Acid                      | 79-11-8    | No       | No        | Organics      | -                                         |                     | 3.50E-03        | C       | -                             | 4.69E+01                   | 4.69E+01                |
| Chloroacetophenone, 2-                 | 532-27-4   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroaniline                          | 27134-26-5 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroaniline, 3-                      | 108-42-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroaniline, p-                      | 106-47-8   | No       | No        | Organics      | 2.00E-01                                  | P                   | 5.00E-04        | P       | 2.35E-01                      | 6.70E+00                   | 2.35E-01                |
| Chlorobenzene                          | 108-90-7   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Chlorobenzene sulfonic acid, p-        | 98-66-8    | No       | No        | Organics      | -                                         |                     | 1.00E-01        | X       | -                             | 1.34E+03                   | 1.34E+03                |
| Chlorobenzilate                        | 510-15-6   | No       | No        | Organics      | 1.10E-01                                  | C                   | 2.00E-02        | I       | 4.27E-01                      | 2.68E+02                   | 4.27E-01                |
| Chlorobenzoic Acid, 2-                 | 118-91-2   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Chlorobenzoic Acid, p-             | 74-11-3    | No       | No        | Organics      | -                                         |                     | 3.00E-02        | X       | -                             | 4.02E+02                   | 4.02E+02                |
| Chlorobenzotrifluoride, 3-nitro-4- | 121-17-5   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorobenzotrifluoride, 4-         | 98-56-6    | No       | Yes       | Organics      | -                                         |                     | 3.00E-03        | P       | -                             | 4.02E+01                   | 4.02E+01                |
| Chlorobiphenyl, p-                 | 2051-62-9  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorobutane, 1-                   | 109-69-3   | No       | Yes       | Organics      | -                                         |                     | 4.00E-02        | P       | -                             | 5.36E+02                   | 5.36E+02                |
| Chlorobutane, 2-                   | 78-86-4    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorocyclopentadiene              | 41851-50-7 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorodibromoethane                | 73506-94-2 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorodifluoromethane              | 75-45-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroethanol, 2-                  | 107-07-3   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Chloroethylvinyl ether, 2-         | 110-75-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloroform                         | 67-66-3    | No       | Yes       | Organics      | 3.10E-02                                  | C                   | 1.00E-02        | I       | 1.51E+00                      | 1.34E+02                   | 1.51E+00                |
| Chloromethane                      | 74-87-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloromethyl Methyl Ether          | 107-30-2   | No       | Yes       | Organics      | 2.40E+00                                  | C                   | -               |         | 1.96E-02                      | -                          | 1.96E-02                |
| Chloronaphthalene, Beta-           | 91-58-7    | No       | Yes       | Organics      | -                                         |                     | 8.00E-02        | I       | -                             | 1.07E+03                   | 1.07E+03                |
| Chloronaphthalene, alpha-          | 90-13-1    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloronitrobenzene, o-             | 88-73-3    | No       | No        | Organics      | 3.00E-01                                  | P                   | 3.00E-03        | P       | 1.56E-01                      | 4.02E+01                   | 1.56E-01                |
| Chloronitrobenzene, p-             | 100-00-5   | No       | No        | Organics      | 6.00E-02                                  | P                   | 7.00E-04        | P       | 7.82E-01                      | 9.38E+00                   | 7.82E-01                |
| Chlorooctadecane, 1-               | 3386-33-2  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorophenol, 2-                   | 95-57-8    | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Chlorophenol, 3-                   | 108-43-0   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorophenol, 4-                   | 106-48-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorophenyl Methyl Sulfide, p-    | 123-09-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorophenyl Methyl Sulfoxide      | 934-73-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorophenyl phenyl ether, 4-      | 7005-72-3  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloropicrin                       | 76-06-2    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chloropropane, 2-                  | 75-29-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Chlorothalonil                     | 1897-45-6  | No       | No        | Organics      | 1.70E-02                                  | C                   | 1.50E-02        | I       | 2.76E+00                      | 2.01E+02                   | 2.76E+00                |
| Chlorotoluene, o-                  | 95-49-8    | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Chlorotoluene, p-                  | 106-43-4   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | X       | -                             | 2.68E+02                   | 2.68E+02                |
| Chlorozotocin                      | 54749-90-5 | No       | No        | Organics      | 2.40E+02                                  | C                   | -               |         | 1.96E-04                      | -                          | 1.96E-04                |
| Chlorpropham                       | 101-21-3   | No       | No        | Organics      | -                                         |                     | 5.00E-03        | O       | -                             | 6.70E+01                   | 6.70E+01                |
| Chlorpyrifos                       | 2921-88-2  | No       | No        | Organics      | -                                         |                     | 1.00E-03        | A       | -                             | 1.34E+01                   | 1.34E+01                |
| Chlorpyrifos Methyl                | 5598-13-0  | No       | No        | Organics      | -                                         |                     | 1.00E-02        | H       | -                             | 1.34E+02                   | 1.34E+02                |
| Chlorsulfuron                      | 64902-72-3 | No       | No        | Organics      | -                                         |                     | 5.00E-02        | O       | -                             | 6.70E+02                   | 6.70E+02                |
| Chlorthal-dimethyl                 | 1861-32-1  | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Chlorthiophos                      | 60238-56-4 | No       | No        | Organics      | -                                         |                     | 8.00E-04        | H       | -                             | 1.07E+01                   | 1.07E+01                |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Chromium(III), Insoluble Salts                          | 16065-83-1 | No       | No        | Inorganics    | -                                         |                     | 1.50E+00        | I       | -                             | 2.01E+04                   | 2.01E+04                |
| Chromium(VI)                                            | 18540-29-9 | Yes      | No        | Inorganics    | 5.00E-01                                  | C                   | 3.00E-03        | I       | 9.38E-02                      | 4.02E+01                   | 9.38E-02                |
| Chromium, Total                                         | 7440-47-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Chrysene                                                | 218-01-9   | Yes      | No        | Organics      | 1.00E-03                                  | E                   | -               |         | 4.69E+01                      | -                          | 4.69E+01                |
| Clofentezine                                            | 74115-24-5 | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Cobalt                                                  | 7440-48-4  | No       | No        | Inorganics    | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Complex Mixtures of Aliphatic and Aromatic Hydrocarbons | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Copper                                                  | 7440-50-8  | No       | No        | Inorganics    | -                                         |                     | 4.00E-02        | H       | -                             | 5.36E+02                   | 5.36E+02                |
| Copper Cyanide                                          | 544-92-3   | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Coronene                                                | 191-07-1   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Creosote                                                | 8001-58-9  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cresol, m-                                              | 108-39-4   | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Cresol, o-                                              | 95-48-7    | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Cresol, p-                                              | 106-44-5   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Cresol, p-chloro-m-                                     | 59-50-7    | No       | No        | Organics      | -                                         |                     | 1.00E-01        | A       | -                             | 1.34E+03                   | 1.34E+03                |
| Cresols                                                 | 1319-77-3  | No       | No        | Organics      | -                                         |                     | 1.00E-01        | A       | -                             | 1.34E+03                   | 1.34E+03                |
| Crotonaldehyde                                          | 4170-30-3  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Crotonaldehyde, trans-                                  | 123-73-9   | No       | Yes       | Organics      | 1.90E+00                                  | H                   | 1.00E-03        | P       | 2.47E-02                      | 1.34E+01                   | 2.47E-02                |
| Cumene                                                  | 98-82-8    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Cupferron                                               | 135-20-6   | No       | No        | Organics      | 2.20E-01                                  | C                   | -               |         | 2.13E-01                      | -                          | 2.13E-01                |
| Cyanazine                                               | 21725-46-2 | No       | No        | Organics      | 8.40E-01                                  | H                   | 2.00E-03        | H       | 5.59E-02                      | 2.68E+01                   | 5.59E-02                |
| Cyanide (CN-)                                           | 57-12-5    | No       | Yes       | Inorganics    | -                                         |                     | 6.00E-04        | I       | -                             | 8.04E+00                   | 8.04E+00                |
| Cyanogen                                                | 460-19-5   | No       | Yes       | Inorganics    | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Cyanogen Bromide                                        | 506-68-3   | No       | Yes       | Inorganics    | -                                         |                     | 9.00E-02        | I       | -                             | 1.21E+03                   | 1.21E+03                |
| Cyanogen Chloride                                       | 506-77-4   | No       | Yes       | Inorganics    | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Cyclohexane                                             | 110-82-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-             | 87-84-3    | No       | No        | Organics      | 2.00E-02                                  | X                   | 2.00E-02        | X       | 2.35E+00                      | 2.68E+02                   | 2.35E+00                |
| Cyclohexanone                                           | 108-94-1   | No       | Yes       | Organics      | -                                         |                     | 5.00E+00        | I       | -                             | 6.70E+04                   | 6.70E+04                |
| Cyclohexene                                             | 110-83-8   | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | P       | -                             | 6.70E+01                   | 6.70E+01                |
| Cyclohexylamine                                         | 108-91-8   | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Cyclopentadiene                                         | 542-92-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cyfluthrin                                              | 68359-37-5 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Cyhalothrin                                             | 68085-85-8 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cypermethrin                                            | 52315-07-8 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Cyromazine                                              | 66215-27-8 | No       | No        | Organics      | -                                         |                     | 5.00E-01        | O       | -                             | 6.70E+03                   | 6.70E+03                |
| DDD, o,p'-                                              | 53-19-0    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| DDT, o,p'-                                              | 789-02-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

Site-specific

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| Chemical                                                     | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| DDT/DDE/DDD (total)                                          | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dalapon                                                      | 75-99-0    | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Daminozide                                                   | 1596-84-5  | No       | No        | Organics      | 1.80E-02                                  | C                   | 1.50E-01        | I       | 2.61E+00                      | 2.01E+03                   | 2.61E+00                |
| Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5  | No       | No        | Organics      | 7.00E-04                                  | I                   | 7.00E-03        | I       | 6.70E+01                      | 9.38E+01                   | 6.70E+01                |
| Decane                                                       | 124-18-5   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Decanol, n-                                                  | 112-30-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Deltamethrin                                                 | 52918-63-5 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Demeton                                                      | 8065-48-3  | No       | No        | Organics      | -                                         |                     | 4.00E-05        | I       | -                             | 5.36E-01                   | 5.36E-01                |
| Di(2-ethylhexyl)adipate                                      | 103-23-1   | No       | No        | Organics      | 1.20E-03                                  | I                   | 6.00E-01        | I       | 3.91E+01                      | 8.04E+03                   | 3.91E+01                |
| Di-n-butyltin bis(2-ethylhexanoate)                          | 2781-10-4  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Di-n-butyltin bis(methyl maleate)                            | 15546-11-9 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Di-n-butyltin bis(n-butyl maleate)                           | 15546-16-4 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Di-n-butyltin dilaurate                                      | 77-58-7    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Di-n-butyltin distearate                                     | 5847-55-2  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Di-n-hexylphthalate                                          | 84-75-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diallate                                                     | 2303-16-4  | No       | No        | Organics      | 6.10E-02                                  | H                   | -               |         | 7.69E-01                      | -                          | 7.69E-01                |
| Diammonium phosphate                                         | 7783-28-0  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Diazinon                                                     | 333-41-5   | No       | No        | Organics      | -                                         |                     | 7.00E-04        | A       | -                             | 9.38E+00                   | 9.38E+00                |
| Dibenz[a,h]anthracene                                        | 53-70-3    | Yes      | No        | Organics      | 1.00E+00                                  | E                   | -               |         | 4.69E-02                      | -                          | 4.69E-02                |
| Dibenzo(a,e)pyrene                                           | 192-65-4   | No       | No        | Organics      | 1.20E+01                                  | C                   | -               |         | 3.91E-03                      | -                          | 3.91E-03                |
| Dibenzofuran                                                 | 132-64-9   | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | X       | -                             | 1.34E+01                   | 1.34E+01                |
| Dibenzothiophene                                             | 132-65-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibromo-3-chloropropane, 1,2-                                | 96-12-8    | Yes      | Yes       | Organics      | 8.00E-01                                  | P                   | 2.00E-04        | P       | 5.87E-02                      | 2.68E+00                   | 5.87E-02                |
| Dibromoacetic acid                                           | 631-64-1   | No       | No        | Organics      | 2.50E-01                                  | C                   | 3.00E-04        | C       | 1.88E-01                      | 4.02E+00                   | 1.88E-01                |
| Dibromobenzene, 1,3-                                         | 108-36-1   | No       | Yes       | Organics      | -                                         |                     | 4.00E-04        | X       | -                             | 5.36E+00                   | 5.36E+00                |
| Dibromobenzene, 1,4-                                         | 106-37-6   | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Dibromochloromethane                                         | 124-48-1   | No       | Yes       | Organics      | 8.40E-02                                  | I                   | 2.00E-02        | I       | 5.59E-01                      | 2.68E+02                   | 5.59E-01                |
| Dibromodichloromethane                                       | 594-18-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibromodiphenyl Ether, p,p'-                                 | 2050-47-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibromoethane, 1,2-                                          | 106-93-4   | No       | Yes       | Organics      | 2.00E+00                                  | I                   | 9.00E-03        | I       | 2.35E-02                      | 1.21E+02                   | 2.35E-02                |
| Dibromomethane (Methylene Bromide)                           | 74-95-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutoxy di-n-butyltin                                       | 3349-36-8  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutyl Phthalate                                            | 84-74-2    | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Dibutylbis((1-oxoisooctyl)oxy)stannane                       | 85702-74-5 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutylbis(octadeca-9(Z),12(Z),15(Z)-trienoyloxy)stannane    | 95873-60-2 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutylbis(octadeca-9(Z),12(Z)-dienoyloxy)stannane           | 85391-79-3 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

Site-specific

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| Chemical                                       | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dibutylbis(palmitoyloxy)stannane               | 13323-63-2 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutyltin Compounds                           | NA         | No       | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Dibutyltin diacetate                           | 1067-33-0  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutyltin dichloride                          | 683-18-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dibutyltin oxide                               | 818-08-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dicalcium phosphate                            | 7757-93-9  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Dicamba                                        | 1918-00-9  | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Dichloramine                                   | 3400-09-7  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, 1,4-                        | 764-41-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, cis-1,4-                    | 1476-11-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, trans-1,4-                  | 110-57-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloroacetic Acid                            | 79-43-6    | No       | No        | Organics      | 5.00E-02                                  | I                   | 4.00E-03        | I       | 9.38E-01                      | 5.36E+01                   | 9.38E-01                |
| Dichloroaniline, 2,4-                          | 554-00-7   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloroaniline, 3,4-                          | 95-76-1    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorobenzene                                | 25321-22-6 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorobenzene, 1,2-                          | 95-50-1    | No       | Yes       | Organics      | -                                         |                     | 9.00E-02        | I       | -                             | 1.21E+03                   | 1.21E+03                |
| Dichlorobenzene, 1,3-                          | 541-73-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorobenzene, 1,4-                          | 106-46-7   | No       | Yes       | Organics      | 5.40E-03                                  | C                   | 7.00E-02        | A       | 8.69E+00                      | 9.38E+02                   | 8.69E+00                |
| Dichlorobenzidine, 3,3'-                       | 91-94-1    | No       | No        | Organics      | 4.50E-01                                  | I                   | -               |         | 1.04E-01                      | -                          | 1.04E-01                |
| Dichlorobenzophenone, 4,4'-                    | 90-98-2    | No       | No        | Organics      | -                                         |                     | 9.00E-03        | X       | -                             | 1.21E+02                   | 1.21E+02                |
| Dichlorobenzotrifluoride, 3,4-                 | 328-84-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorodifluoromethane                        | 75-71-8    | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Dichlorodiisopropyl ether, 2,2'-               | 39638-32-9 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorodiphenyldichloroethane, p,p` - (DDD)   | 72-54-8    | No       | No        | Organics      | 2.40E-01                                  | I                   | 5.00E-04        | A       | 1.96E-01                      | 6.70E+00                   | 1.96E-01                |
| Dichlorodiphenyldichloroethylene, p,p` - (DDE) | 72-55-9    | No       | Yes       | Organics      | 3.40E-01                                  | I                   | 5.00E-04        | A       | 1.38E-01                      | 6.70E+00                   | 1.38E-01                |
| Dichlorodiphenyltrichloroethane, p,p` - (DDT)  | 50-29-3    | No       | No        | Organics      | 3.40E-01                                  | I                   | 5.00E-04        | I       | 1.38E-01                      | 6.70E+00                   | 1.38E-01                |
| Dichloroethane, 1,1-                           | 75-34-3    | No       | Yes       | Organics      | 5.70E-03                                  | C                   | 2.00E-01        | P       | 8.23E+00                      | 2.68E+03                   | 8.23E+00                |
| Dichloroethane, 1,2-                           | 107-06-2   | No       | Yes       | Organics      | 9.10E-02                                  | I                   | 6.00E-03        | X       | 5.16E-01                      | 8.04E+01                   | 5.16E-01                |
| Dichloroethylene, 1,1-                         | 75-35-4    | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Dichloroethylene, cis-1,2-                     | 156-59-2   | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Dichloroethylene, trans-1,2-                   | 156-60-5   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Dichlorophenol, 2,3-                           | 576-24-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorophenol, 2,4-                           | 120-83-2   | No       | No        | Organics      | -                                         |                     | 3.00E-03        | I       | -                             | 4.02E+01                   | 4.02E+01                |
| Dichlorophenol, 2,5-                           | 583-78-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorophenol, 2,6-                           | 87-65-0    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorophenol, 3,4-                           | 95-77-2    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorophenoxy Acetic Acid, 2,4-              | 94-75-7    | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |

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| Chemical                            | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dichloropropane, 1,2-               | 78-87-5    | No       | Yes       | Organics      | 3.70E-02                                  | P                   | 4.00E-02        | P       | 1.27E+00                      | 5.36E+02                   | 1.27E+00                |
| Dichloropropane, 1,3-               | 142-28-9   | No       | Yes       | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Dichloropropane, 2,2-               | 594-20-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloropropanol, 2,3-              | 616-23-9   | No       | No        | Organics      | -                                         |                     | 3.00E-03        | I       | -                             | 4.02E+01                   | 4.02E+01                |
| Dichloropropene, 1,1-               | 563-58-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloropropene, 1,3-               | 542-75-6   | No       | Yes       | Organics      | 1.00E-01                                  | I                   | 3.00E-02        | I       | 4.69E-01                      | 4.02E+02                   | 4.69E-01                |
| Dichloropropene, 2,3-               | 78-88-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloropropene, cis-1,3-           | 10061-01-5 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichloropropene, trans-1,3-         | 10061-02-6 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dichlorvos                          | 62-73-7    | No       | No        | Organics      | 2.90E-01                                  | I                   | 5.00E-04        | I       | 1.62E-01                      | 6.70E+00                   | 1.62E-01                |
| Dicrotophos                         | 141-66-2   | No       | No        | Organics      | -                                         |                     | 3.00E-05        | O       | -                             | 4.02E-01                   | 4.02E-01                |
| Dicyclohexylamine                   | 101-83-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dicyclopentadiene                   | 77-73-6    | No       | Yes       | Organics      | -                                         |                     | 8.00E-02        | P       | -                             | 1.07E+03                   | 1.07E+03                |
| Dieldrin                            | 60-57-1    | No       | No        | Organics      | 1.60E+01                                  | I                   | 5.00E-05        | I       | 2.93E-03                      | 6.70E-01                   | 2.93E-03                |
| Diepoxybutane                       | 1464-53-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethanolamine                      | 111-42-2   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | P       | -                             | 2.68E+01                   | 2.68E+01                |
| Diethyl Phthalate                   | 84-66-2    | No       | No        | Organics      | -                                         |                     | 8.00E-01        | I       | -                             | 1.07E+04                   | 1.07E+04                |
| Diethyl sulfate                     | 64-67-5    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethyl-meta-Toluamide, N,N (DEET)  | 134-62-3   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethyl-p-nitrophenylphosphate      | 311-45-5   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethylene Glycol Dinitrate (DEGDN) | 693-21-0   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethylene Glycol Monobutyl Ether   | 112-34-5   | No       | No        | Organics      | -                                         |                     | 3.00E-02        | P       | -                             | 4.02E+02                   | 4.02E+02                |
| Diethylene Glycol Monoethyl Ether   | 111-90-0   | No       | No        | Organics      | -                                         |                     | 6.00E-02        | P       | -                             | 8.04E+02                   | 8.04E+02                |
| Diethylene-glycol                   | 111-46-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethylformamide                    | 617-84-5   | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | P       | -                             | 1.34E+01                   | 1.34E+01                |
| Diethylphosphorodithioate           | 298-06-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diethylstilbestrol                  | 56-53-1    | No       | No        | Organics      | 3.50E+02                                  | C                   | -               |         | 1.34E-04                      | -                          | 1.34E-04                |
| Difenzoquat                         | 43222-48-6 | No       | No        | Organics      | -                                         |                     | 8.30E-02        | O       | -                             | 1.11E+03                   | 1.11E+03                |
| Diflubenzuron                       | 35367-38-5 | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Difluoroethane, 1,1-                | 75-37-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Difluoropropane, 2,2-               | 420-45-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dihydrosafrole                      | 94-58-6    | No       | Yes       | Organics      | 4.40E-02                                  | C                   | -               |         | 1.07E+00                      | -                          | 1.07E+00                |
| Diisopropyl Ether                   | 108-20-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diisopropyl Methylphosphonate       | 1445-75-6  | No       | Yes       | Organics      | -                                         |                     | 8.00E-02        | I       | -                             | 1.07E+03                   | 1.07E+03                |
| Dimagnesium phosphate               | 7782-75-4  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethipin                          | 55290-64-7 | No       | No        | Organics      | -                                         |                     | 2.18E-02        | O       | -                             | 2.92E+02                   | 2.92E+02                |
| Dimethoate                          | 60-51-5    | No       | No        | Organics      | -                                         |                     | 2.20E-03        | O       | -                             | 2.95E+01                   | 2.95E+01                |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                               | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dimethoxybenzidine, 3,3'-              | 119-90-4    | No       | No        | Organics      | 1.60E+00                                  | P                   | -               |         | 2.93E-02                      | -                          | 2.93E-02                |
| Dimethyl Sulfate                       | 77-78-1     | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethyl Sulfide                       | 75-18-3     | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethyl methylphosphonate             | 756-79-6    | No       | No        | Organics      | 1.70E-03                                  | P                   | 6.00E-02        | P       | 2.76E+01                      | 8.04E+02                   | 2.76E+01                |
| Dimethylamino azobenzene [p-]          | 60-11-7     | No       | No        | Organics      | 4.60E+00                                  | C                   | -               |         | 1.02E-02                      | -                          | 1.02E-02                |
| Dimethylaniline HCl, 2,4-              | 21436-96-4  | No       | No        | Organics      | 5.80E-01                                  | H                   | -               |         | 8.09E-02                      | -                          | 8.09E-02                |
| Dimethylaniline, 2,4-                  | 95-68-1     | No       | No        | Organics      | 2.00E-01                                  | P                   | 2.00E-03        | X       | 2.35E-01                      | 2.68E+01                   | 2.35E-01                |
| Dimethylaniline, N,N-                  | 121-69-7    | No       | Yes       | Organics      | 2.70E-02                                  | P                   | 2.00E-03        | I       | 1.74E+00                      | 2.68E+01                   | 1.74E+00                |
| Dimethylbenz(a)anthracene, 7,12-       | 57-97-6     | Yes      | No        | Organics      | 2.50E+02                                  | C                   | -               |         | 1.88E-04                      | -                          | 1.88E-04                |
| Dimethylbenzidine, 3,3'-               | 119-93-7    | No       | No        | Organics      | 1.10E+01                                  | P                   | -               |         | 4.27E-03                      | -                          | 4.27E-03                |
| Dimethylcyclohexylamine, n,n-          | 98-94-2     | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethylethyl Lead                     | 107584-40-7 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethylformamide                      | 68-12-2     | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | P       | -                             | 1.34E+03                   | 1.34E+03                |
| Dimethylhydrazine, 1,1-                | 57-14-7     | No       | Yes       | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Dimethylhydrazine, 1,2-                | 540-73-8    | No       | Yes       | Organics      | 5.50E+02                                  | C                   | -               |         | 8.53E-05                      | -                          | 8.53E-05                |
| Dimethylmercury                        | 593-74-8    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethylphenethylamine                 | 122-09-8    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethylphenol, 2,4-                   | 105-67-9    | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Dimethylphenol, 2,6-                   | 576-26-1    | No       | No        | Organics      | -                                         |                     | 6.00E-04        | I       | -                             | 8.04E+00                   | 8.04E+00                |
| Dimethylphenol, 3,4-                   | 95-65-8     | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Dimethylphthalate                      | 131-11-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dimethylterephthalate                  | 120-61-6    | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Dimethylvinylchloride                  | 513-37-1    | No       | Yes       | Organics      | 4.50E-02                                  | C                   | -               |         | 1.04E+00                      | -                          | 1.04E+00                |
| Dinitro-o-cresol, 4,6-                 | 534-52-1    | No       | No        | Organics      | -                                         |                     | 8.00E-05        | X       | -                             | 1.07E+00                   | 1.07E+00                |
| Dinitro-o-cyclohexyl Phenol, 4,6-      | 131-89-5    | No       | No        | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Dinitroaniline, 3,5-                   | 618-87-1    | No       | No        | Organics      | -                                         |                     | 4.00E-04        | X       | -                             | 5.36E+00                   | 5.36E+00                |
| Dinitrobenzene, 1,2-                   | 528-29-0    | No       | No        | Organics      | -                                         |                     | 1.00E-04        | P       | -                             | 1.34E+00                   | 1.34E+00                |
| Dinitrobenzene, 1,3-                   | 99-65-0     | No       | No        | Organics      | -                                         |                     | 1.00E-04        | I       | -                             | 1.34E+00                   | 1.34E+00                |
| Dinitrobenzene, 1,4-                   | 100-25-4    | No       | No        | Organics      | -                                         |                     | 1.00E-04        | P       | -                             | 1.34E+00                   | 1.34E+00                |
| Dinitrophenol, 2,4-                    | 51-28-5     | No       | No        | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Dinitrophenols                         | 25550-58-7  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrosopentamethylenetetramine, N,N- | 101-25-7    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrotoluene Mixture, 2,4/2,6-       | NA          | No       | No        | Organics      | 6.80E-01                                  | I                   | -               |         | 6.90E-02                      | -                          | 6.90E-02                |
| Dinitrotoluene, 2,3-                   | 602-01-7    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 2,4-                   | 121-14-2    | No       | No        | Organics      | 3.10E-01                                  | C                   | 2.00E-03        | I       | 1.51E-01                      | 2.68E+01                   | 1.51E-01                |
| Dinitrotoluene, 2,5-                   | 619-15-8    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 2,6-                   | 606-20-2    | No       | No        | Organics      | 1.50E+00                                  | P                   | 3.00E-04        | X       | 3.13E-02                      | 4.02E+00                   | 3.13E-02                |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia  
[Site-specific](#)

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                        | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dinitrotoluene, 2-Amino-4,6-    | 35572-78-2 | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Dinitrotoluene, 3,4-            | 610-39-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 3,5-            | 618-85-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 4-Amino-2,6-    | 19406-51-0 | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Dinitrotoluene, Technical grade | 25321-14-6 | No       | No        | Organics      | 4.50E-01                                  | X                   | 9.00E-04        | X       | 1.04E-01                      | 1.21E+01                   | 1.04E-01                |
| Dinoseb                         | 88-85-7    | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Dioxane, 1,4-                   | 123-91-1   | No       | Yes       | Organics      | 1.00E-01                                  | I                   | 3.00E-02        | I       | 4.69E-01                      | 4.02E+02                   | 4.69E-01                |
| Diphenamid                      | 957-51-7   | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Diphenyl Ether                  | 101-84-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diphenyl Sulfone                | 127-63-9   | No       | No        | Organics      | -                                         |                     | 8.00E-04        | X       | -                             | 1.07E+01                   | 1.07E+01                |
| Diphenylamine                   | 122-39-4   | No       | No        | Organics      | -                                         |                     | 1.00E-01        | O       | -                             | 1.34E+03                   | 1.34E+03                |
| Diphenylhydrazine, 1,2-         | 122-66-7   | No       | No        | Organics      | 8.00E-01                                  | I                   | -               |         | 5.87E-02                      | -                          | 5.87E-02                |
| Dipotassium phosphate           | 7758-11-4  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Diquat                          | 2764-72-9  | No       | No        | Organics      | -                                         |                     | 2.20E-03        | I       | -                             | 2.95E+01                   | 2.95E+01                |
| Direct Black 38                 | 1937-37-7  | No       | No        | Organics      | 7.40E+00                                  | C                   | -               |         | 6.34E-03                      | -                          | 6.34E-03                |
| Direct Blue 6                   | 2602-46-2  | No       | No        | Organics      | 7.40E+00                                  | C                   | -               |         | 6.34E-03                      | -                          | 6.34E-03                |
| Direct Brown 95                 | 16071-86-6 | No       | No        | Organics      | 6.70E+00                                  | C                   | -               |         | 7.00E-03                      | -                          | 7.00E-03                |
| Direct Sky Blue                 | 2610-05-1  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Disodium phosphate              | 7558-79-4  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Disulfoton                      | 298-04-4   | No       | No        | Organics      | -                                         |                     | 4.00E-05        | I       | -                             | 5.36E-01                   | 5.36E-01                |
| Dithiane, 1,4-                  | 505-29-3   | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Diundecyl Phthalate             | 3648-20-2  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Diuron                          | 330-54-1   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Dodine                          | 2439-10-3  | No       | No        | Organics      | -                                         |                     | 2.00E-02        | O       | -                             | 2.68E+02                   | 2.68E+02                |
| EPTC                            | 759-94-4   | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | O       | -                             | 6.70E+02                   | 6.70E+02                |
| Endosulfan                      | 115-29-7   | No       | Yes       | Organics      | -                                         |                     | 6.00E-03        | I       | -                             | 8.04E+01                   | 8.04E+01                |
| Endosulfan I                    | 959-98-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Endosulfan II                   | 33213-65-9 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Endosulfan Sulfate              | 1031-07-8  | No       | No        | Organics      | -                                         |                     | 6.00E-03        | P       | -                             | 8.04E+01                   | 8.04E+01                |
| Endothall                       | 145-73-3   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Endrin                          | 72-20-8    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Endrin aldehyde                 | 7421-93-4  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Endrin ketone                   | 53494-70-5 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Epichlorohydrin                 | 106-89-8   | No       | Yes       | Organics      | 9.90E-03                                  | I                   | 6.00E-03        | P       | 4.74E+00                      | 8.04E+01                   | 4.74E+00                |
| Epoxybutane, 1,2-               | 106-88-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethanol                         | 64-17-5    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethanol, 2-(2-methoxyethoxy)-   | 111-77-3   | No       | No        | Organics      | -                                         |                     | 4.00E-02        | P       | -                             | 5.36E+02                   | 5.36E+02                |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                          | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Ethephon                          | 16672-87-0 | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Ethion                            | 563-12-2   | No       | No        | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Ethoxy Propanol                   | 52125-53-8 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethoxyethanol Acetate, 2-         | 111-15-9   | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | P       | -                             | 1.34E+03                   | 1.34E+03                |
| Ethoxyethanol, 2-                 | 110-80-5   | No       | Yes       | Organics      | -                                         |                     | 9.00E-02        | P       | -                             | 1.21E+03                   | 1.21E+03                |
| Ethyl Acetate                     | 141-78-6   | No       | Yes       | Organics      | -                                         |                     | 7.00E-01        | P       | -                             | 9.38E+03                   | 9.38E+03                |
| Ethyl Acrylate                    | 140-88-5   | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | P       | -                             | 6.70E+01                   | 6.70E+01                |
| Ethyl Chloride                    | 75-00-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethyl Ether                       | 60-29-7    | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Ethyl Methacrylate                | 97-63-2    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethyl Tertiary Butyl Ether (ETBE) | 637-92-3   | No       | Yes       | Organics      | -                                         |                     | 1.00E+00        | I       | -                             | 1.34E+04                   | 1.34E+04                |
| Ethyl methane sulfonate           | 62-50-0    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethyl-p-nitrophenyl Phosphonate   | 2104-64-5  | No       | No        | Organics      | -                                         |                     | 1.00E-05        | I       | -                             | 1.34E-01                   | 1.34E-01                |
| Ethylbenzene                      | 100-41-4   | No       | Yes       | Organics      | 1.10E-02                                  | C                   | 5.00E-02        | P       | 4.27E+00                      | 6.70E+02                   | 4.27E+00                |
| Ethylene Cyanohydrin              | 109-78-4   | No       | No        | Organics      | -                                         |                     | 7.00E-02        | P       | -                             | 9.38E+02                   | 9.38E+02                |
| Ethylene Diamine                  | 107-15-3   | No       | Yes       | Organics      | -                                         |                     | 9.00E-02        | P       | -                             | 1.21E+03                   | 1.21E+03                |
| Ethylene Glycol                   | 107-21-1   | No       | No        | Organics      | -                                         |                     | 8.00E-01        | A       | -                             | 1.07E+04                   | 1.07E+04                |
| Ethylene Glycol Monobutyl Ether   | 111-76-2   | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Ethylene Oxide                    | 75-21-8    | Yes      | Yes       | Organics      | 3.10E-01                                  | C                   | -               |         | 1.51E-01                      | -                          | 1.51E-01                |
| Ethylene Thiourea                 | 96-45-7    | No       | No        | Organics      | 4.50E-02                                  | C                   | 8.00E-05        | I       | 1.04E+00                      | 1.07E+00                   | 1.04E+00                |
| Ethyleneimine                     | 151-56-4   | No       | Yes       | Organics      | 6.50E+01                                  | C                   | -               |         | 7.22E-04                      | -                          | 7.22E-04                |
| Ethylhexyl acrylate, 2-           | 103-11-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethylphenol, 4-                   | 123-07-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ethylphthalyl Ethyl Glycolate     | 84-72-0    | No       | No        | Organics      | -                                         |                     | 3.00E+00        | I       | -                             | 4.02E+04                   | 4.02E+04                |
| Famphur                           | 52-85-7    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Fenamiphos                        | 22224-92-6 | No       | No        | Organics      | -                                         |                     | 2.50E-04        | I       | -                             | 3.35E+00                   | 3.35E+00                |
| Fenpropathrin                     | 39515-41-8 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Fenvalerate                       | 51630-58-1 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Fluometuron                       | 2164-17-2  | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Fluoranthene                      | 206-44-0   | No       | No        | Organics      | -                                         |                     | 4.00E-02        | I       | -                             | 5.36E+02                   | 5.36E+02                |
| Fluorene                          | 86-73-7    | No       | Yes       | Organics      | -                                         |                     | 4.00E-02        | I       | -                             | 5.36E+02                   | 5.36E+02                |
| Fluoride                          | 16984-48-8 | No       | No        | Inorganics    | -                                         |                     | 4.00E-02        | C       | -                             | 5.36E+02                   | 5.36E+02                |
| Fluorine (Soluble Fluoride)       | 7782-41-4  | No       | No        | Inorganics    | -                                         |                     | 6.00E-02        | I       | -                             | 8.04E+02                   | 8.04E+02                |
| Fluorobenzene                     | 462-06-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Fluorobiphenyl, 2-                | 321-60-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Fluorophenol, 2-                  | 367-12-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                         | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Fluridone                                        | 59756-60-4 | No       | No        | Organics      | -                                         |                     | 8.00E-02        | I       | -                             | 1.07E+03                   | 1.07E+03                |
| Flurprimidol                                     | 56425-91-3 | No       | No        | Organics      | -                                         |                     | 4.00E-02        | O       | -                             | 5.36E+02                   | 5.36E+02                |
| Flusilazole                                      | 85509-19-9 | No       | No        | Organics      | -                                         |                     | 2.00E-03        | O       | -                             | 2.68E+01                   | 2.68E+01                |
| Flutolanil                                       | 66332-96-5 | No       | No        | Organics      | -                                         |                     | 5.00E-01        | O       | -                             | 6.70E+03                   | 6.70E+03                |
| Fluvalinate                                      | 69409-94-5 | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Folpet                                           | 133-07-3   | No       | No        | Organics      | -                                         |                     | 9.00E-02        | O       | -                             | 1.21E+03                   | 1.21E+03                |
| Fomesafen                                        | 72178-02-0 | No       | No        | Organics      | -                                         |                     | 1.00E-02        | O       | -                             | 1.34E+02                   | 1.34E+02                |
| Fonofos                                          | 944-22-9   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Formaldehyde                                     | 50-00-0    | No       | Yes       | Organics      | 2.10E-02                                  | C                   | 2.00E-01        | I       | 2.23E+00                      | 2.68E+03                   | 2.23E+00                |
| Formic Acid                                      | 64-18-6    | No       | Yes       | Organics      | -                                         |                     | 9.00E-01        | P       | -                             | 1.21E+04                   | 1.21E+04                |
| Fosetyl-AL                                       | 39148-24-8 | No       | No        | Organics      | -                                         |                     | 2.50E+00        | O       | -                             | 3.35E+04                   | 3.35E+04                |
| Fuel Oil Number 2                                | 68476-30-2 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Furan                                            | 110-00-9   | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Furazolidone                                     | 67-45-8    | No       | No        | Organics      | 3.80E+00                                  | H                   | -               |         | 1.23E-02                      | -                          | 1.23E-02                |
| Furfural                                         | 98-01-1    | No       | Yes       | Organics      | -                                         |                     | 3.00E-03        | I       | -                             | 4.02E+01                   | 4.02E+01                |
| Furium                                           | 531-82-8   | No       | No        | Organics      | 1.50E+00                                  | C                   | -               |         | 3.13E-02                      | -                          | 3.13E-02                |
| Furmecyclox                                      | 60568-05-0 | No       | No        | Organics      | 3.00E-02                                  | I                   | -               |         | 1.56E+00                      | -                          | 1.56E+00                |
| Gadolinium                                       | 7440-54-2  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Gallium                                          | 7440-55-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Germanium                                        | 7440-56-4  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Glufosinate, Ammonium                            | 77182-82-2 | No       | No        | Organics      | -                                         |                     | 6.00E-03        | O       | -                             | 8.04E+01                   | 8.04E+01                |
| Glutaraldehyde                                   | 111-30-8   | No       | No        | Organics      | -                                         |                     | 1.00E-01        | A       | -                             | 1.34E+03                   | 1.34E+03                |
| Glycerol                                         | 56-81-5    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Glycidaldehyde                                   | 765-34-4   | No       | Yes       | Organics      | -                                         |                     | 4.00E-04        | I       | -                             | 5.36E+00                   | 5.36E+00                |
| Glyphosate                                       | 1071-83-6  | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Guanidine                                        | 113-00-8   | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Guanidine Chloride                               | 50-01-1    | No       | No        | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Guanidine Nitrate                                | 506-93-4   | No       | No        | Organics      | -                                         |                     | 3.00E-02        | X       | -                             | 4.02E+02                   | 4.02E+02                |
| Haloacetic acids                                 | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Haloxyfop, Methyl                                | 69806-40-2 | No       | No        | Organics      | -                                         |                     | 5.00E-05        | I       | -                             | 6.70E-01                   | 6.70E-01                |
| Heptachlor                                       | 76-44-8    | No       | Yes       | Organics      | 4.50E+00                                  | I                   | 1.00E-04        | A       | 1.04E-02                      | 1.34E+00                   | 1.04E-02                |
| Heptachlor Epoxide                               | 1024-57-3  | No       | Yes       | Organics      | 9.10E+00                                  | I                   | 1.30E-05        | I       | 5.16E-03                      | 1.74E-01                   | 5.16E-03                |
| Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Heptachlorodibenzofuran, 1,2,3,4,6,7,8-          | 67562-39-4 | No       | Yes       | Organics      | 1.30E+03                                  | W                   | 7.00E-08        | W       | 3.61E-05                      | 9.38E-04                   | 3.61E-05                |
| Heptanal, n-                                     | 111-71-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Heptane, N-                                      | 142-82-5   | No       | Yes       | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| Heptanol, n-                                     | 111-70-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Hexabromobenzene                                   | 87-82-1    | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | No       | No        | Organics      | -                                         |                     | 2.00E-04        | I       | -                             | 2.68E+00                   | 2.68E+00                |
| Hexachlorobenzene                                  | 118-74-1   | No       | Yes       | Organics      | 1.60E+00                                  | I                   | 1.00E-05        | P       | 2.93E-02                      | 1.34E-01                   | 2.93E-02                |
| Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)      | 52663-72-6 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)      | 69782-90-7 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)       | 38380-08-4 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)      | 32774-16-6 | No       | Yes       | Organics      | 3.90E+03                                  | W                   | 2.33E-08        | W       | 1.20E-05                      | 3.13E-04                   | 1.20E-05                |
| Hexachlorobutadiene                                | 87-68-3    | No       | Yes       | Organics      | 7.80E-02                                  | I                   | 1.00E-03        | P       | 6.02E-01                      | 1.34E+01                   | 6.02E-01                |
| Hexachlorocyclohexane, Alpha-                      | 319-84-6   | No       | No        | Organics      | 6.30E+00                                  | I                   | -               |         | 7.45E-03                      | -                          | 7.45E-03                |
| Hexachlorocyclohexane, Beta-                       | 319-85-7   | No       | No        | Organics      | 1.80E+00                                  | I                   | -               |         | 2.61E-02                      | -                          | 2.61E-02                |
| Hexachlorocyclohexane, Delta-                      | 319-86-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexachlorocyclohexane, Epsilon                     | 6108-10-7  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexachlorocyclohexane, Gamma- (Lindane)            | 58-89-9    | No       | No        | Organics      | 1.10E+00                                  | C                   | 3.00E-04        | I       | 4.27E-02                      | 4.02E+00                   | 4.27E-02                |
| Hexachlorocyclohexane, Technical                   | 608-73-1   | No       | No        | Organics      | 1.80E+00                                  | I                   | -               |         | 2.61E-02                      | -                          | 2.61E-02                |
| Hexachlorocyclopentadiene                          | 77-47-4    | No       | Yes       | Organics      | -                                         |                     | 6.00E-03        | I       | -                             | 8.04E+01                   | 8.04E+01                |
| Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-           | 39227-28-6 | No       | No        | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| Hexachlorodibenzo-p-dioxin, Mixture                | 34465-46-8 | No       | No        | Organics      | 6.20E+03                                  | I                   | -               |         | 7.57E-06                      | -                          | 7.57E-06                |
| Hexachlorodibenzofuran, 1,2,3,4,7,8-               | 70648-26-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| Hexachloroethane                                   | 67-72-1    | No       | Yes       | Organics      | 4.00E-02                                  | I                   | 7.00E-04        | I       | 1.17E+00                      | 9.38E+00                   | 1.17E+00                |
| Hexachlorophene                                    | 70-30-4    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Hexachloropropene                                  | 1888-71-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexadecanoic Acid                                  | 57-10-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)     | 13252-13-6 | No       | Yes       | Organics      | -                                         |                     | 3.00E-06        | D       | -                             | 4.02E-02                   | 4.02E-02                |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)      | 121-82-4   | No       | No        | Organics      | 8.00E-02                                  | I                   | 4.00E-03        | I       | 5.87E-01                      | 5.36E+01                   | 5.87E-01                |
| Hexamethylene Diisocyanate, 1,6-                   | 822-06-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexamethylene diisocyanate biuret                  | 4035-89-6  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexamethylene diisocyanate isocyanurate            | 3779-63-3  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexamethylphosphoramide                            | 680-31-9   | No       | No        | Organics      | -                                         |                     | 4.00E-04        | P       | -                             | 5.36E+00                   | 5.36E+00                |
| Hexane, Commercial                                 | NA         | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexane, N-                                         | 110-54-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexanedioic Acid                                   | 124-04-9   | No       | No        | Organics      | -                                         |                     | 2.00E+00        | P       | -                             | 2.68E+04                   | 2.68E+04                |
| Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)           | 104-76-7   | No       | Yes       | Organics      | 9.50E-03                                  | P                   | 7.00E-02        | P       | 4.94E+00                      | 9.38E+02                   | 4.94E+00                |
| Hexanol, n-                                        | 111-27-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Hexanone, 2-                                       | 591-78-6   | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Hexazinone                                         | 51235-04-2 | No       | No        | Organics      | -                                         |                     | 3.30E-02        | I       | -                             | 4.42E+02                   | 4.42E+02                |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia  
[Site-specific](#)

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Hexythiazox                        | 78587-05-0 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| HpCDD, 1,2,3,4,6,7,8,-             | 35822-46-9 | No       | Yes       | Organics      | 1.30E+03                                  | W                   | 7.00E-08        | W       | 3.61E-05                      | 9.38E-04                   | 3.61E-05                |
| HpCDF, 1,2,3,4,7,8,9-              | 55673-89-7 | No       | Yes       | Organics      | 1.30E+03                                  | W                   | 7.00E-08        | W       | 3.61E-05                      | 9.38E-04                   | 3.61E-05                |
| HxCDD, 1,2,3,6,7,8-                | 57653-85-7 | No       | No        | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| HxCDD, 1,2,3,7,8,9-                | 19408-74-3 | No       | No        | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| HxCDF, 1,2,3,6,7,8-                | 57117-44-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| HxCDF, 1,2,3,7,8,9-                | 72918-21-9 | No       | No        | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| HxCDF, 2,3,4,6,7,8-                | 60851-34-5 | No       | No        | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| Hydramethylnon                     | 67485-29-4 | No       | No        | Organics      | -                                         |                     | 1.70E-02        | O       | -                             | 2.28E+02                   | 2.28E+02                |
| Hydrazine                          | 302-01-2   | No       | Yes       | Inorganics    | 3.00E+00                                  | I                   | -               |         | 1.56E-02                      | -                          | 1.56E-02                |
| Hydrazine Sulfate                  | 10034-93-2 | No       | No        | Inorganics    | 3.00E+00                                  | I                   | -               |         | 1.56E-02                      | -                          | 1.56E-02                |
| Hydrogen Chloride                  | 7647-01-0  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Hydrogen Cyanide                   | 74-90-8    | No       | Yes       | Inorganics    | -                                         |                     | 6.00E-04        | I       | -                             | 8.04E+00                   | 8.04E+00                |
| Hydrogen Fluoride                  | 7664-39-3  | No       | Yes       | Inorganics    | -                                         |                     | 4.00E-02        | C       | -                             | 5.36E+02                   | 5.36E+02                |
| Hydrogen Selenide                  | 7783-07-5  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Hydrogen Sulfate                   | 12143-45-2 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Hydrogen Sulfide                   | 7783-06-4  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Hydroquinone                       | 123-31-9   | No       | No        | Organics      | 6.00E-02                                  | P                   | 4.00E-02        | P       | 7.82E-01                      | 5.36E+02                   | 7.82E-01                |
| Imazalil                           | 35554-44-0 | No       | No        | Organics      | 6.11E-02                                  | O                   | 1.08E-01        | O       | 7.68E-01                      | 1.45E+03                   | 7.68E-01                |
| Imazaquin                          | 81335-37-7 | No       | No        | Organics      | -                                         |                     | 2.50E-01        | I       | -                             | 3.35E+03                   | 3.35E+03                |
| Imazethapyr                        | 81335-77-5 | No       | No        | Organics      | -                                         |                     | 2.50E+00        | O       | -                             | 3.35E+04                   | 3.35E+04                |
| Indeno[1,2,3-cd]pyrene             | 193-39-5   | Yes      | No        | Organics      | 1.00E-01                                  | E                   | -               |         | 4.69E-01                      | -                          | 4.69E-01                |
| Indium                             | 7440-74-6  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Iodide                             | 20461-54-5 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Iodine                             | 7553-56-2  | No       | No        | Inorganics    | -                                         |                     | 1.00E-02        | A       | -                             | 1.34E+02                   | 1.34E+02                |
| Iodomethane                        | 74-88-4    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Iodopropynyl Butylcarbamate (IPBC) | 55406-53-6 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Iprodione                          | 36734-19-7 | No       | No        | Organics      | -                                         |                     | 4.00E-02        | I       | -                             | 5.36E+02                   | 5.36E+02                |
| Iron                               | 7439-89-6  | No       | No        | Inorganics    | -                                         |                     | 7.00E-01        | P       | -                             | 9.38E+03                   | 9.38E+03                |
| Iron Sulfide                       | 11126-12-8 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Isobutyl Alcohol                   | 78-83-1    | No       | Yes       | Organics      | -                                         |                     | 3.00E-01        | I       | -                             | 4.02E+03                   | 4.02E+03                |
| Isodrin                            | 465-73-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Isophorone                         | 78-59-1    | No       | No        | Organics      | 9.50E-04                                  | I                   | 2.00E-01        | I       | 4.94E+01                      | 2.68E+03                   | 4.94E+01                |
| Isopropalin                        | 33820-53-0 | No       | Yes       | Organics      | -                                         |                     | 1.50E-02        | I       | -                             | 2.01E+02                   | 2.01E+02                |
| Isopropanol                        | 67-63-0    | No       | Yes       | Organics      | -                                         |                     | 2.00E+00        | P       | -                             | 2.68E+04                   | 2.68E+04                |
| Isopropyl Methyl Phosphonic Acid   | 1832-54-8  | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Isopropyltoluene, p-               | 99-87-6    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

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| Chemical                        | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Isosafrole                      | 120-58-1    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Isoxaben                        | 82558-50-7  | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Jet propulsion fuel 4 (JP-4)    | 50815-00-4  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 5 (JP-5)    | NA          | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 7 (JP-7)    | NA          | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 8 (JP-8)    | NA          | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Kerosene                        | 8008-20-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Lactofen                        | 77501-63-4  | No       | No        | Organics      | -                                         |                     | 8.00E-03        | O       | -                             | 1.07E+02                   | 1.07E+02                |
| Lactonitrile                    | 78-97-7     | No       | No        | Organics      | -                                         |                     | 2.00E-04        | X       | -                             | 2.68E+00                   | 2.68E+00                |
| Lanthanum                       | 7439-91-0   | No       | No        | Inorganics    | -                                         |                     | 5.00E-05        | P       | -                             | 6.70E-01                   | 6.70E-01                |
| Lanthanum Acetate Hydrate       | 100587-90-4 | No       | No        | Organics      | -                                         |                     | 2.08E-05        | P       | -                             | 2.79E-01                   | 2.79E-01                |
| Lanthanum Chloride Heptahydrate | 10025-84-0  | No       | No        | Inorganics    | -                                         |                     | 1.87E-05        | P       | -                             | 2.51E-01                   | 2.51E-01                |
| Lanthanum Chloride, Anhydrous   | 10099-58-8  | No       | No        | Inorganics    | -                                         |                     | 2.83E-05        | P       | -                             | 3.79E-01                   | 3.79E-01                |
| Lanthanum Nitrate Hexahydrate   | 10277-43-7  | No       | No        | Inorganics    | -                                         |                     | 1.60E-05        | P       | -                             | 2.15E-01                   | 2.15E-01                |
| Lead Alkyls                     | NA          | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Lead Phosphate                  | 7446-27-7   | No       | No        | Inorganics    | 8.50E-03                                  | C                   | -               |         | 5.52E+00                      | -                          | 5.52E+00                |
| Lead acetate                    | 301-04-2    | No       | No        | Organics      | 2.10E-01                                  | C                   | -               |         | 2.23E-01                      | -                          | 2.23E-01                |
| Lead and Compounds              | 7439-92-1   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Lead subacetate                 | 1335-32-6   | No       | No        | Organics      | 3.80E-02                                  | C                   | -               |         | 1.23E+00                      | -                          | 1.23E+00                |
| Lewisite                        | 541-25-3    | No       | Yes       | Organics      | -                                         |                     | 5.00E-06        | P       | -                             | 6.70E-02                   | 6.70E-02                |
| Linuron                         | 330-55-2    | No       | No        | Organics      | -                                         |                     | 7.70E-03        | O       | -                             | 1.03E+02                   | 1.03E+02                |
| Lithium                         | 7439-93-2   | No       | No        | Inorganics    | -                                         |                     | 2.00E-03        | P       | -                             | 2.68E+01                   | 2.68E+01                |
| Lithium Perchlorate             | 7791-03-9   | No       | No        | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                             | 9.38E+00                   | 9.38E+00                |
| Lutetium                        | 7439-94-3   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| MCPA                            | 94-74-6     | No       | No        | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| MCPB                            | 94-81-5     | No       | No        | Organics      | -                                         |                     | 4.40E-02        | O       | -                             | 5.90E+02                   | 5.90E+02                |
| MCPP                            | 93-65-2     | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Magnesium                       | 7439-95-4   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Malathion                       | 121-75-5    | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Maleic Anhydride                | 108-31-6    | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Maleic Hydrazide                | 123-33-1    | No       | No        | Organics      | -                                         |                     | 5.00E-01        | I       | -                             | 6.70E+03                   | 6.70E+03                |
| Malononitrile                   | 109-77-3    | No       | No        | Organics      | -                                         |                     | 1.00E-04        | P       | -                             | 1.34E+00                   | 1.34E+00                |
| Mancozeb                        | 8018-01-7   | No       | No        | Organics      | -                                         |                     | 3.00E-02        | H       | -                             | 4.02E+02                   | 4.02E+02                |
| Maneb                           | 12427-38-2  | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Manganese (Diet)                | 7439-96-5   | No       | No        | Inorganics    | -                                         |                     | 1.40E-01        | I       | -                             | 1.88E+03                   | 1.88E+03                |
| Mechlorethamine                 | 51-75-2     | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Mephosfolan                     | 950-10-7    | No       | No        | Organics      | -                                         |                     | 9.00E-05        | H       | -                             | 1.21E+00                   | 1.21E+00                |

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| Chemical                                      | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Mepiquat Chloride                             | 24307-26-4 | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Mercaptobenzothiazole, 2-                     | 149-30-4   | No       | No        | Organics      | 1.10E-02                                  | P                   | 4.00E-03        | P       | 4.27E+00                      | 5.36E+01                   | 4.27E+00                |
| Mercuric Chloride                             | 7487-94-7  | No       | No        | Inorganics    | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Mercury (elemental)                           | 7439-97-6  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Merphos                                       | 150-50-5   | No       | Yes       | Organics      | -                                         |                     | 3.00E-05        | I       | -                             | 4.02E-01                   | 4.02E-01                |
| Metalaxyl                                     | 57837-19-1 | No       | No        | Organics      | -                                         |                     | 6.00E-02        | I       | -                             | 8.04E+02                   | 8.04E+02                |
| Methacrylonitrile                             | 126-98-7   | No       | Yes       | Organics      | -                                         |                     | 1.00E-04        | I       | -                             | 1.34E+00                   | 1.34E+00                |
| Methamidophos                                 | 10265-92-6 | No       | No        | Organics      | -                                         |                     | 5.00E-05        | I       | -                             | 6.70E-01                   | 6.70E-01                |
| Methanol                                      | 67-56-1    | No       | Yes       | Organics      | -                                         |                     | 2.00E+00        | I       | -                             | 2.68E+04                   | 2.68E+04                |
| Methapyrilene                                 | 91-80-5    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methidathion                                  | 950-37-8   | No       | No        | Organics      | -                                         |                     | 1.50E-03        | O       | -                             | 2.01E+01                   | 2.01E+01                |
| Methomyl                                      | 16752-77-5 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Methoxy-5-nitroaniline, 2-                    | 99-59-2    | No       | No        | Organics      | 4.90E-02                                  | C                   | -               |         | 9.58E-01                      | -                          | 9.58E-01                |
| Methoxychlor                                  | 72-43-5    | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Methoxyethanol Acetate, 2-                    | 110-49-6   | No       | Yes       | Organics      | -                                         |                     | 8.00E-03        | P       | -                             | 1.07E+02                   | 1.07E+02                |
| Methoxyethanol, 2-                            | 109-86-4   | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | P       | -                             | 6.70E+01                   | 6.70E+01                |
| Methyl Acetate                                | 79-20-9    | No       | Yes       | Organics      | -                                         |                     | 1.00E+00        | X       | -                             | 1.34E+04                   | 1.34E+04                |
| Methyl Acrylate                               | 96-33-3    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl Ethyl Ketone (2-Butanone)              | 78-93-3    | No       | Yes       | Organics      | -                                         |                     | 6.00E-01        | I       | -                             | 8.04E+03                   | 8.04E+03                |
| Methyl Hydrazine                              | 60-34-4    | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | P       | -                             | 1.34E+01                   | 1.34E+01                |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl Isocyanate                             | 624-83-9   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl Mercaptan                              | 74-93-1    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl Mercury                                | 22967-92-6 | No       | No        | Inorganics    | -                                         |                     | 1.00E-04        | I       | -                             | 1.34E+00                   | 1.34E+00                |
| Methyl Methacrylate                           | 80-62-6    | No       | Yes       | Organics      | -                                         |                     | 1.40E+00        | I       | -                             | 1.88E+04                   | 1.88E+04                |
| Methyl Parathion                              | 298-00-0   | No       | No        | Organics      | -                                         |                     | 2.50E-04        | I       | -                             | 3.35E+00                   | 3.35E+00                |
| Methyl Phosphonic Acid                        | 993-13-5   | No       | No        | Organics      | -                                         |                     | 6.00E-02        | X       | -                             | 8.04E+02                   | 8.04E+02                |
| Methyl Styrene (Mixed Isomers)                | 25013-15-4 | No       | Yes       | Organics      | -                                         |                     | 6.00E-03        | H       | -                             | 8.04E+01                   | 8.04E+01                |
| Methyl dicyclohexylamine, n-                  | 7560-83-0  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl methanesulfonate                       | 66-27-3    | No       | No        | Organics      | 9.90E-02                                  | C                   | -               |         | 4.74E-01                      | -                          | 4.74E-01                |
| Methyl tert-Butyl Ether (MTBE)                | 1634-04-4  | No       | Yes       | Organics      | 1.80E-03                                  | C                   | -               |         | 2.61E+01                      | -                          | 2.61E+01                |
| Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2   | No       | No        | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| Methyl-2-Pentanol, 4-                         | 108-11-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methyl-5-Nitroaniline, 2-                     | 99-55-8    | No       | No        | Organics      | 9.00E-03                                  | P                   | 2.00E-02        | X       | 5.21E+00                      | 2.68E+02                   | 5.21E+00                |
| Methyl-N-nitro-N-nitrosoguanidine, N-         | 70-25-7    | No       | No        | Organics      | 8.30E+00                                  | C                   | -               |         | 5.65E-03                      | -                          | 5.65E-03                |
| Methylaniline Hydrochloride, 2-               | 636-21-5   | No       | No        | Organics      | 1.30E-01                                  | C                   | -               |         | 3.61E-01                      | -                          | 3.61E-01                |
| Methylarsonic acid                            | 124-58-3   | No       | No        | Organics      | -                                         |                     | 1.00E-02        | A       | -                             | 1.34E+02                   | 1.34E+02                |

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|-------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Methylaziridine, 2-                             | 75-55-8    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | No       | No        | Organics      | -                                         |                     | 2.00E-04        | X       | -                             | 2.68E+00                   | 2.68E+00                |
| Methylbenzene-1,4-diamine sulfate, 2-           | 615-50-9   | No       | No        | Organics      | 1.00E-01                                  | X                   | 3.00E-04        | X       | 4.69E-01                      | 4.02E+00                   | 4.69E-01                |
| Methylcholanthrene, 3-                          | 56-49-5    | Yes      | No        | Organics      | 2.20E+01                                  | C                   | -               |         | 2.13E-03                      | -                          | 2.13E-03                |
| Methylcyclohexane                               | 108-87-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylcyclohexylamine, n-                       | 100-60-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylcyclopentane                              | 96-37-7    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylene Chloride                              | 75-09-2    | Yes      | Yes       | Organics      | 2.00E-03                                  | I                   | 6.00E-03        | I       | 2.35E+01                      | 8.04E+01                   | 2.35E+01                |
| Methylene-bis(2-chloroaniline), 4,4'-           | 101-14-4   | Yes      | No        | Organics      | 1.00E-01                                  | P                   | 2.00E-03        | P       | 4.69E-01                      | 2.68E+01                   | 4.69E-01                |
| Methylene-bis(N,N-dimethyl) Aniline, 4,4'-      | 101-61-1   | No       | No        | Organics      | 4.60E-02                                  | I                   | -               |         | 1.02E+00                      | -                          | 1.02E+00                |
| Methylenebisbenzenamine, 4,4'-                  | 101-77-9   | No       | No        | Organics      | 1.60E+00                                  | C                   | -               |         | 2.93E-02                      | -                          | 2.93E-02                |
| Methylenediphenyl Diisocyanate                  | 101-68-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylisothiocyanate                            | 556-61-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylnaphthalene                               | 1321-94-4  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Methylnaphthalene, 1-                           | 90-12-0    | No       | Yes       | Organics      | 2.90E-02                                  | P                   | 7.00E-02        | A       | 1.62E+00                      | 9.38E+02                   | 1.62E+00                |
| Methylnaphthalene, 2-                           | 91-57-6    | No       | Yes       | Organics      | -                                         |                     | 4.00E-03        | I       | -                             | 5.36E+01                   | 5.36E+01                |
| Methylstyrene, Alpha-                           | 98-83-9    | No       | Yes       | Organics      | -                                         |                     | 7.00E-02        | H       | -                             | 9.38E+02                   | 9.38E+02                |
| Methyltriethyl Lead                             | 1762-28-3  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Metolachlor                                     | 51218-45-2 | No       | No        | Organics      | -                                         |                     | 1.50E-01        | I       | -                             | 2.01E+03                   | 2.01E+03                |
| Metribuzin                                      | 21087-64-9 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Metsulfuron-methyl                              | 74223-64-6 | No       | No        | Organics      | -                                         |                     | 2.50E-01        | I       | -                             | 3.35E+03                   | 3.35E+03                |
| Midrange Aliphatic Hydrocarbon Streams          | NA         | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Mineral oils                                    | 8012-95-1  | No       | Yes       | Organics      | -                                         |                     | 3.00E+00        | P       | -                             | 4.02E+04                   | 4.02E+04                |
| Mirex                                           | 2385-85-5  | No       | Yes       | Organics      | 1.80E+01                                  | C                   | 2.00E-04        | I       | 2.61E-03                      | 2.68E+00                   | 2.61E-03                |
| Molinate                                        | 2212-67-1  | No       | No        | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Molybdenum                                      | 7439-98-7  | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Monoaluminum phosphate                          | 13530-50-2 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Monoammonium phosphate                          | 7722-76-1  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Monobutyltin Compounds                          | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Monocalcium phosphate                           | 7758-23-8  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Monochloramine                                  | 10599-90-3 | No       | No        | Inorganics    | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Monochlorobutanes                               | 25154-42-1 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Monocyclic aromatic hydrocarbons (total)        | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Monomagnesium phosphate                         | 7757-86-0  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Monomethylaniline                               | 100-61-8   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | P       | -                             | 2.68E+01                   | 2.68E+01                |

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| Chemical                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Monopotassium phosphate                     | 7778-77-0  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Monosodium phosphate                        | 7558-80-7  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Myclobutanil                                | 88671-89-0 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| N,N'-Diphenyl-1,4-benzenediamine            | 74-31-7    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| N-Methyl dithiocarbamate                    | 137-42-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Naled                                       | 300-76-5   | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Naphtha, High Flash Aromatic (HFAN)         | 64742-95-6 | No       | Yes       | Organics      | -                                         |                     | 3.00E-02        | X       | -                             | 4.02E+02                   | 4.02E+02                |
| Naphthalene                                 | 91-20-3    | No       | Yes       | Organics      | 1.20E-01                                  | C                   | 2.00E-02        | I       | 3.91E-01                      | 2.68E+02                   | 3.91E-01                |
| Naphthol, 2-                                | 135-19-3   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Naphthoquinone, 1,4-                        | 130-15-4   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Naphthylamine, 1-                           | 134-32-7   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Naphthylamine, 2-                           | 91-59-8    | No       | No        | Organics      | 1.80E+00                                  | C                   | -               |         | 2.61E-02                      | -                          | 2.61E-02                |
| Napropamide                                 | 15299-99-7 | No       | No        | Organics      | -                                         |                     | 1.20E-01        | O       | -                             | 1.61E+03                   | 1.61E+03                |
| Neodymium Chloride (Stable, Nonradioactive) | 10024-93-8 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Niagara Blue 4B                             | 2429-74-5  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nickel Acetate                              | 373-02-4   | No       | No        | Organics      | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Carbonate                            | 3333-67-3  | No       | No        | Organics      | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Carbonyl                             | 13463-39-3 | No       | Yes       | Organics      | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Hydroxide                            | 12054-48-7 | No       | No        | Inorganics    | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Oxide                                | 1313-99-1  | No       | No        | Inorganics    | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Refinery Dust                        | NA         | No       | No        | Inorganics    | -                                         |                     | 1.10E-02        | C       | -                             | 1.47E+02                   | 1.47E+02                |
| Nickel Soluble Salts                        | 7440-02-0  | No       | No        | Inorganics    | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Nickel Subsulfide                           | 12035-72-2 | No       | No        | Inorganics    | 1.70E+00                                  | C                   | 1.10E-02        | C       | 2.76E-02                      | 1.47E+02                   | 2.76E-02                |
| Nickelocene                                 | 1271-28-9  | No       | No        | Organics      | 9.10E-01                                  | C                   | 1.10E-02        | C       | 5.16E-02                      | 1.47E+02                   | 5.16E-02                |
| Nicotinonitrile                             | 100-54-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Niobium                                     | 7440-03-1  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrate (measured as nitrogen)              | 14797-55-8 | No       | No        | Inorganics    | -                                         |                     | 1.60E+00        | I       | -                             | 2.15E+04                   | 2.15E+04                |
| Nitrate + Nitrite (measured as nitrogen)    | NA         | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitric Acid                                 | 7697-37-2  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitric Oxide                                | 10102-43-9 | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrite (measured as nitrogen)              | 14797-65-0 | No       | No        | Inorganics    | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Nitroaniline, 2-                            | 88-74-4    | No       | No        | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Nitroaniline, 3-                            | 99-09-2    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitroaniline, 4-                            | 100-01-6   | No       | No        | Organics      | 2.00E-02                                  | P                   | 4.00E-03        | P       | 2.35E+00                      | 5.36E+01                   | 2.35E+00                |
| Nitrobenzene                                | 98-95-3    | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Nitrobiphenyl, 4-                           | 92-93-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

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| Chemical                     | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Nitrocellulose               | 9004-70-0  | No       | No        | Organics      | -                                         |                     | 3.00E+03        | P       | -                             | 4.02E+07                   | 4.02E+07                |
| Nitrodiphenylamine, 2-       | 119-75-5   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrofurantoin               | 67-20-9    | No       | No        | Organics      | -                                         |                     | 7.00E-02        | H       | -                             | 9.38E+02                   | 9.38E+02                |
| Nitrofurazone                | 59-87-0    | No       | No        | Organics      | 1.30E+00                                  | C                   | -               |         | 3.61E-02                      | -                          | 3.61E-02                |
| Nitrogen Dioxide             | 10102-44-0 | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitroglycerin                | 55-63-0    | No       | No        | Organics      | 1.70E-02                                  | P                   | 1.00E-04        | P       | 2.76E+00                      | 1.34E+00                   | 1.34E+00                |
| Nitroguanidine               | 556-88-7   | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Nitromethane                 | 75-52-5    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrophenol, 2-              | 88-75-5    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrophenol, 2-amino-4-      | 99-57-0    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrophenol, 3-              | 554-84-7   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrophenol, 4-              | 100-02-7   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrophenol, 4-amino-2-      | 119-34-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitropropane, 2-             | 79-46-9    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitropyrene, 4-              | 57835-92-4 | No       | No        | Organics      | 1.20E+00                                  | C                   | -               |         | 3.91E-02                      | -                          | 3.91E-02                |
| Nitroquinoline-1-oxide. 4-   | 56-57-5    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitroso-N-ethylurea, N-      | 759-73-9   | Yes      | No        | Organics      | 2.70E+01                                  | C                   | -               |         | 1.74E-03                      | -                          | 1.74E-03                |
| Nitroso-N-methylurea, N-     | 684-93-5   | Yes      | No        | Organics      | 1.20E+02                                  | C                   | -               |         | 3.91E-04                      | -                          | 3.91E-04                |
| Nitroso-di-N-butylamine, N-  | 924-16-3   | No       | Yes       | Organics      | 5.40E+00                                  | I                   | -               |         | 8.69E-03                      | -                          | 8.69E-03                |
| Nitroso-di-N-propylamine, N- | 621-64-7   | No       | No        | Organics      | 7.00E+00                                  | I                   | -               |         | 6.70E-03                      | -                          | 6.70E-03                |
| Nitrosodiethanolamine, N-    | 1116-54-7  | No       | No        | Organics      | 2.80E+00                                  | I                   | -               |         | 1.68E-02                      | -                          | 1.68E-02                |
| Nitrosodiethylamine, N-      | 55-18-5    | Yes      | No        | Organics      | 1.50E+02                                  | I                   | -               |         | 3.13E-04                      | -                          | 3.13E-04                |
| Nitrosodimethylamine, N-     | 62-75-9    | Yes      | Yes       | Organics      | 5.10E+01                                  | I                   | 8.00E-06        | P       | 9.20E-04                      | 1.07E-01                   | 9.20E-04                |
| Nitrosodiphenylamine, N-     | 86-30-6    | No       | No        | Organics      | 4.90E-03                                  | I                   | -               |         | 9.58E+00                      | -                          | 9.58E+00                |
| Nitrosomethylethylamine, N-  | 10595-95-6 | No       | Yes       | Organics      | 2.20E+01                                  | I                   | -               |         | 2.13E-03                      | -                          | 2.13E-03                |
| Nitrosomethylvinylamine, N-  | 4549-40-0  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrosomorpholine [N-]       | 59-89-2    | No       | No        | Organics      | 6.70E+00                                  | C                   | -               |         | 7.00E-03                      | -                          | 7.00E-03                |
| Nitrosopiperidine [N-]       | 100-75-4   | No       | No        | Organics      | 9.40E+00                                  | C                   | -               |         | 4.99E-03                      | -                          | 4.99E-03                |
| Nitrosopyrrolidine, N-       | 930-55-2   | No       | No        | Organics      | 2.10E+00                                  | I                   | -               |         | 2.23E-02                      | -                          | 2.23E-02                |
| Nitrotoluene, 4-Amino-2-     | 119-32-4   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nitrotoluene, m-             | 99-08-1    | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Nitrotoluene, o-             | 88-72-2    | No       | Yes       | Organics      | 2.20E-01                                  | P                   | 9.00E-04        | P       | 2.13E-01                      | 1.21E+01                   | 2.13E-01                |
| Nitrotoluene, p-             | 99-99-0    | No       | No        | Organics      | 1.60E-02                                  | P                   | 4.00E-03        | P       | 2.93E+00                      | 5.36E+01                   | 2.93E+00                |
| Nonachlor, trans-            | 39765-80-5 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Nonane, n-                   | 111-84-2   | No       | Yes       | Organics      | -                                         |                     | 3.00E-04        | X       | -                             | 4.02E+00                   | 4.02E+00                |
| Nonanol, n-                  | 143-08-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |

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| Chemical                                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Nonylphenol                                            | 25154-52-3 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Norflurazon                                            | 27314-13-2 | No       | No        | Organics      | -                                         |                     | 1.50E-03        | O       | -                             | 2.01E+01                   | 2.01E+01                |
| OCDD                                                   | 3268-87-9  | No       | No        | Organics      | 3.90E+01                                  | W                   | 2.33E-06        | W       | 1.20E-03                      | 3.13E-02                   | 1.20E-03                |
| OCDF                                                   | 39001-02-0 | No       | No        | Organics      | 3.90E+01                                  | W                   | 2.33E-06        | W       | 1.20E-03                      | 3.13E-02                   | 1.20E-03                |
| Octabromodiphenyl Ether                                | 32536-52-0 | No       | No        | Organics      | -                                         |                     | 3.00E-03        | I       | -                             | 4.02E+01                   | 4.02E+01                |
| Octachlorostyrene                                      | 29082-74-4 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octadecanoic Acid                                      | 57-11-4    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0  | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Octahydrotrimethylmethylethylphenanthrenol             | 511-15-9   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octamethylpyrophosphoramide                            | 152-16-9   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | H       | -                             | 2.68E+01                   | 2.68E+01                |
| Octanol, n-                                            | 111-87-5   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octanone, 2-                                           | 111-13-7   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octanone, 3-                                           | 106-68-3   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Octyl Phthalate, di-N-                                 | 117-84-0   | No       | No        | Organics      | -                                         |                     | 1.00E-02        | P       | -                             | 1.34E+02                   | 1.34E+02                |
| Oleic acid                                             | 112-80-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Oleum                                                  | 8014-95-7  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Oryzalin                                               | 19044-88-3 | No       | No        | Organics      | 7.79E-03                                  | O                   | 1.90E-01        | O       | 6.02E+00                      | 2.55E+03                   | 6.02E+00                |
| Oxadiazon                                              | 19666-30-9 | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Oxamyl                                                 | 23135-22-0 | No       | No        | Organics      | -                                         |                     | 2.50E-02        | I       | -                             | 3.35E+02                   | 3.35E+02                |
| Oxychlorane                                            | 27304-13-8 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Oxyfluorfen                                            | 42874-03-3 | No       | No        | Organics      | 7.32E-02                                  | O                   | 4.00E-02        | O       | 6.41E-01                      | 5.36E+02                   | 6.41E-01                |
| Ozone                                                  | 10028-15-6 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Paclobutrazol                                          | 76738-62-0 | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Paraquat Dichloride                                    | 1910-42-5  | No       | No        | Organics      | -                                         |                     | 4.50E-03        | I       | -                             | 6.03E+01                   | 6.03E+01                |
| Parathion                                              | 56-38-2    | No       | No        | Organics      | -                                         |                     | 6.00E-03        | H       | -                             | 8.04E+01                   | 8.04E+01                |
| PeCDF, 1,2,3,7,8-                                      | 57117-41-6 | No       | No        | Organics      | 3.90E+03                                  | W                   | 2.33E-08        | W       | 1.20E-05                      | 3.13E-04                   | 1.20E-05                |
| PeCDF, 2,3,4,7,8-                                      | 57117-31-4 | No       | No        | Organics      | 3.90E+04                                  | W                   | 2.33E-09        | W       | 1.20E-06                      | 3.13E-05                   | 1.20E-06                |
| Pebulate                                               | 1114-71-2  | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | H       | -                             | 6.70E+02                   | 6.70E+02                |
| Pendimethalin                                          | 40487-42-1 | No       | No        | Organics      | -                                         |                     | 3.00E-01        | O       | -                             | 4.02E+03                   | 4.02E+03                |
| Pentabromodiphenyl Ether                               | 32534-81-9 | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)        | 60348-60-9 | No       | No        | Organics      | -                                         |                     | 1.00E-04        | I       | -                             | 1.34E+00                   | 1.34E+00                |
| Pentachloroaniline                                     | 527-20-8   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pentachlorobenzene                                     | 608-93-5   | No       | Yes       | Organics      | -                                         |                     | 8.00E-04        | I       | -                             | 1.07E+01                   | 1.07E+01                |
| Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)            | 65510-44-3 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)            | 31508-00-6 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)            | 32598-14-4 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |
| Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)             | 74472-37-0 | No       | Yes       | Organics      | 3.90E+00                                  | W                   | 2.33E-05        | W       | 1.20E-02                      | 3.13E-01                   | 1.20E-02                |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                     | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)  | 57465-28-8  | No       | Yes       | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| Pentachlorocyclopentadiene                   | 25329-35-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-      | 40321-76-4  | No       | No        | Organics      | 1.30E+05                                  | W                   | 7.00E-10        | W       | 3.61E-07                      | 9.38E-06                   | 3.61E-07                |
| Pentachloroethane                            | 76-01-7     | No       | Yes       | Organics      | 9.00E-02                                  | P                   | -               |         | 5.21E-01                      | -                          | 5.21E-01                |
| Pentachloronitrobenzene                      | 82-68-8     | No       | Yes       | Organics      | 2.60E-01                                  | H                   | 3.00E-03        | I       | 1.80E-01                      | 4.02E+01                   | 1.80E-01                |
| Pentachlorophenol                            | 87-86-5     | No       | No        | Organics      | 4.00E-01                                  | I                   | 5.00E-03        | I       | 1.17E-01                      | 6.70E+01                   | 1.17E-01                |
| Pentaerythritol tetranitrate (PETN)          | 78-11-5     | No       | No        | Organics      | 4.30E-03                                  | X                   | 9.00E-03        | P       | 1.09E+01                      | 1.21E+02                   | 1.09E+01                |
| Pentamethyl dipropylenetriamine              | 3855-32-1   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pentamethylphosphoramidate (PMPA)            | 10159-46-3  | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Pentane, n-                                  | 109-66-0    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pentyl Alcohol, N-                           | 71-41-0     | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Perchlorate and Perchlorate Salts            | 14797-73-0  | No       | No        | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                             | 9.38E+00                   | 9.38E+00                |
| Perfluorobutanesulfonate                     | 45187-15-3  | No       | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Perfluorobutanesulfonic acid (PFBS)          | 375-73-5    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Perfluorobutanoate                           | 45048-62-2  | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Perfluorobutanoic acid (PFBA)                | 375-22-4    | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Perfluorohexanesulfonate                     | 108427-53-8 | No       | No        | Organics      | -                                         |                     | 2.00E-05        | A       | -                             | 2.68E-01                   | 2.68E-01                |
| Perfluorohexanesulfonic acid (PFHxS)         | 355-46-4    | No       | No        | Organics      | -                                         |                     | 2.00E-05        | A       | -                             | 2.68E-01                   | 2.68E-01                |
| Perfluorohexanoate                           | 92612-52-7  | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Perfluorohexanoic acid (PFHxA)               | 307-24-4    | No       | No        | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Perfluorononanoate                           | 72007-68-2  | No       | No        | Organics      | -                                         |                     | 3.00E-06        | A       | -                             | 4.02E-02                   | 4.02E-02                |
| Perfluorononanoic acid (PFNA)                | 375-95-1    | No       | No        | Organics      | -                                         |                     | 3.00E-06        | A       | -                             | 4.02E-02                   | 4.02E-02                |
| Perfluorooctanesulfonate                     | 45298-90-6  | No       | No        | Organics      | -                                         |                     | 2.00E-06        | A       | -                             | 2.68E-02                   | 2.68E-02                |
| Perfluorooctanesulfonic acid (PFOS)          | 1763-23-1   | No       | No        | Organics      | -                                         |                     | 2.00E-06        | A       | -                             | 2.68E-02                   | 2.68E-02                |
| Perfluorooctanoate                           | 45285-51-6  | No       | No        | Organics      | 7.00E-02                                  | D                   | 3.00E-06        | A       | 6.70E-01                      | 4.02E-02                   | 4.02E-02                |
| Perfluorooctanoic acid (PFOA)                | 335-67-1    | No       | No        | Organics      | 7.00E-02                                  | D                   | 3.00E-06        | A       | 6.70E-01                      | 4.02E-02                   | 4.02E-02                |
| Permethrin                                   | 52645-53-1  | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Perylene                                     | 198-55-0    | No       | No        | Organics      | -                                         |                     | 9.00E-05        | X       | -                             | 1.21E+00                   | 1.21E+00                |
| Pesticides (total)                           | NA          | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Phenacetin                                   | 62-44-2     | No       | No        | Organics      | 2.20E-03                                  | C                   | -               |         | 2.13E+01                      | -                          | 2.13E+01                |
| Phenanthrene                                 | 85-01-8     | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Phenmedipham                                 | 13684-63-4  | No       | No        | Organics      | -                                         |                     | 2.40E-01        | O       | -                             | 3.22E+03                   | 3.22E+03                |
| Phenol                                       | 108-95-2    | No       | No        | Organics      | -                                         |                     | 3.00E-01        | I       | -                             | 4.02E+03                   | 4.02E+03                |
| Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1    | No       | No        | Organics      | -                                         |                     | 4.00E-03        | I       | -                             | 5.36E+01                   | 5.36E+01                |
| Phenothiazine                                | 92-84-2     | No       | No        | Organics      | -                                         |                     | 5.00E-04        | X       | -                             | 6.70E+00                   | 6.70E+00                |
| Phenyl Isothiocyanate                        | 103-72-0    | No       | Yes       | Organics      | -                                         |                     | 2.00E-04        | X       | -                             | 2.68E+00                   | 2.68E+00                |
| Phenylenediamine, m-                         | 108-45-2    | No       | No        | Organics      | -                                         |                     | 6.00E-03        | I       | -                             | 8.04E+01                   | 8.04E+01                |

Attachment C2. Site-Specific Screening Levels for Adult Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                              | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Phenylenediamine, o-                                                  | 95-54-5    | No       | No        | Organics      | 1.20E-01                                  | P                   | 4.00E-03        | P       | 3.91E-01                      | 5.36E+01                   | 3.91E-01                |
| Phenylenediamine, p-                                                  | 106-50-3   | No       | No        | Organics      | -                                         |                     | 1.00E-03        | X       | -                             | 1.34E+01                   | 1.34E+01                |
| Phenylmercuric Acetate                                                | 62-38-4    | No       | No        | Organics      | -                                         |                     | 8.00E-05        | I       | -                             | 1.07E+00                   | 1.07E+00                |
| Phenylphenol, 2-                                                      | 90-43-7    | No       | No        | Organics      | 1.94E-03                                  | H                   | -               |         | 2.42E+01                      | -                          | 2.42E+01                |
| Phorate                                                               | 298-02-2   | No       | No        | Organics      | -                                         |                     | 2.00E-04        | H       | -                             | 2.68E+00                   | 2.68E+00                |
| Phosmet                                                               | 732-11-6   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Phosphine                                                             | 7803-51-2  | No       | Yes       | Inorganics    | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Phosphoric Acid                                                       | 7664-38-2  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Phosphorus pentoxide                                                  | 1314-56-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Phosphorus, White                                                     | 7723-14-0  | No       | Yes       | Inorganics    | -                                         |                     | 2.00E-05        | I       | -                             | 2.68E-01                   | 2.68E-01                |
| Phthalates (total)                                                    | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Phthalic Acid, m-                                                     | 121-91-5   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Phthalic Acid, o-                                                     | 88-99-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Phthalic Acid, p-                                                     | 100-21-0   | No       | No        | Organics      | -                                         |                     | 5.00E-01        | X       | -                             | 6.70E+03                   | 6.70E+03                |
| Phthalic Anhydride                                                    | 85-44-9    | No       | No        | Organics      | -                                         |                     | 2.00E+00        | I       | -                             | 2.68E+04                   | 2.68E+04                |
| Picloram                                                              | 1918-02-1  | No       | No        | Organics      | -                                         |                     | 7.00E-02        | I       | -                             | 9.38E+02                   | 9.38E+02                |
| Picoline, 2-                                                          | 109-06-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Picramic Acid (2-Amino-4,6-dinitrophenol)                             | 96-91-3    | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Picric Acid (2,4,6-Trinitrophenol)                                    | 88-89-1    | No       | No        | Organics      | -                                         |                     | 2.00E-03        | X       | -                             | 2.68E+01                   | 2.68E+01                |
| Piperidine                                                            | 110-89-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pirimiphos, Methyl                                                    | 29232-93-7 | No       | No        | Organics      | -                                         |                     | 7.30E-04        | O       | -                             | 9.79E+00                   | 9.79E+00                |
| Polybrominated Biphenyls                                              | 36355-01-8 | No       | No        | Organics      | 3.00E+01                                  | C                   | 7.00E-06        | H       | 1.56E-03                      | 9.38E-02                   | 1.56E-03                |
| Polychlorinated Biphenyls (high risk)                                 | 1336-36-3  | No       | Yes       | Organics      | 2.00E+00                                  | I                   | -               |         | 2.35E-02                      | -                          | 2.35E-02                |
| Polycyclic aromatic hydrocarbons (PAH), Total (high molecular weight) | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Polycyclic aromatic hydrocarbons (PAH), Total (low molecular weight)  | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Polycyclic chlorinated hydrocarbons (total)                           | NA         | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Polymeric Methylene Diphenyl Diisocyanate (PMDI)                      | 9016-87-9  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Polyphosphoric acid                                                   | 8017-16-1  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Potassium                                                             | 7440-09-7  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Potassium Cyanide                                                     | 151-50-8   | No       | No        | Inorganics    | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Potassium Perchlorate                                                 | 7778-74-7  | No       | No        | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                             | 9.38E+00                   | 9.38E+00                |
| Potassium Silver Cyanide                                              | 506-61-6   | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Potassium heptafluorobutanoate                                        | 2966-54-3  | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Potassium perfluorobutanesulfonate                                    | 29420-49-3 | No       | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Potassium perfluorooctanesulfonate                                    | 2795-39-3  | No       | No        | Organics      | -                                         |                     | 2.00E-06        | A       | -                             | 2.68E-02                   | 2.68E-02                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                       | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Potassium salts of inorganic phosphates        | NA         | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Potassium tripolyphosphate                     | 13845-36-8 | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Praseodymium                                   | 7440-10-0  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Praseodymium Chloride (Stable, Nonradioactive) | 10361-79-2 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Prochloraz                                     | 67747-09-5 | No       | No        | Organics      | 1.50E-01                                  | I                   | 9.00E-03        | I       | 3.13E-01                      | 1.21E+02                   | 3.13E-01                |
| Profluralin                                    | 26399-36-0 | No       | Yes       | Organics      | -                                         |                     | 6.00E-03        | H       | -                             | 8.04E+01                   | 8.04E+01                |
| Promethium                                     | 7440-12-2  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Prometon                                       | 1610-18-0  | No       | No        | Organics      | -                                         |                     | 1.50E-02        | I       | -                             | 2.01E+02                   | 2.01E+02                |
| Prometryn                                      | 7287-19-6  | No       | No        | Organics      | -                                         |                     | 4.00E-02        | O       | -                             | 5.36E+02                   | 5.36E+02                |
| Pronamide                                      | 23950-58-5 | No       | No        | Organics      | -                                         |                     | 7.50E-02        | I       | -                             | 1.01E+03                   | 1.01E+03                |
| Propachlor                                     | 1918-16-7  | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Propanil                                       | 709-98-8   | No       | No        | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Propargite                                     | 2312-35-8  | No       | No        | Organics      | 1.92E-01                                  | O                   | 4.00E-02        | O       | 2.44E-01                      | 5.36E+02                   | 2.44E-01                |
| Propargyl Alcohol                              | 107-19-7   | No       | Yes       | Organics      | -                                         |                     | 2.00E-03        | I       | -                             | 2.68E+01                   | 2.68E+01                |
| Propazine                                      | 139-40-2   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Propham                                        | 122-42-9   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | I       | -                             | 2.68E+02                   | 2.68E+02                |
| Propiconazole                                  | 60207-90-1 | No       | No        | Organics      | -                                         |                     | 1.00E-01        | O       | -                             | 1.34E+03                   | 1.34E+03                |
| Propionaldehyde                                | 123-38-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propionitrile                                  | 107-12-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propionitrile, 3-(NN-dimethylamino)            | 1738-25-6  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propyl Alcohol, n-                             | 71-23-8    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propyl benzene                                 | 103-65-1   | No       | Yes       | Organics      | -                                         |                     | 1.00E-01        | X       | -                             | 1.34E+03                   | 1.34E+03                |
| Propylene                                      | 115-07-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propylene Glycol                               | 57-55-6    | No       | No        | Organics      | -                                         |                     | 2.00E+01        | P       | -                             | 2.68E+05                   | 2.68E+05                |
| Propylene Glycol Dinitrate                     | 6423-43-4  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propylene Glycol Monoethyl Ether               | 1569-02-4  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Propylene Glycol Monomethyl Ether              | 107-98-2   | No       | Yes       | Organics      | -                                         |                     | 7.00E-01        | H       | -                             | 9.38E+03                   | 9.38E+03                |
| Propylene Oxide                                | 75-56-9    | No       | Yes       | Organics      | 2.40E-01                                  | I                   | -               |         | 1.96E-01                      | -                          | 1.96E-01                |
| Prussian Blue (Ferric Ferrocyanide)            | 14038-43-8 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pyrazinyl phosphorothioate, O,O-diethyl O-2-   | 297-97-2   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Pyrene                                         | 129-00-0   | No       | Yes       | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Pyridine                                       | 110-86-1   | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Quinalphos                                     | 13593-03-8 | No       | No        | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Quinoline                                      | 91-22-5    | No       | No        | Organics      | 3.00E+00                                  | I                   | -               |         | 1.56E-02                      | -                          | 1.56E-02                |
| Quizalofop-ethyl                               | 76578-14-8 | No       | No        | Organics      | -                                         |                     | 9.00E-03        | I       | -                             | 1.21E+02                   | 1.21E+02                |
| Resmethrin                                     | 10453-86-8 | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |

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|--------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Resorcinol                                 | 108-46-3   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Ronnel                                     | 299-84-3   | No       | Yes       | Organics      | -                                         |                     | 5.00E-02        | H       | -                             | 6.70E+02                   | 6.70E+02                |
| Rotenone                                   | 83-79-4    | No       | No        | Organics      | -                                         |                     | 4.00E-03        | I       | -                             | 5.36E+01                   | 5.36E+01                |
| Rubidium                                   | 7440-17-7  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Rubidium Chloride                          | 7791-11-9  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Rubidium Hydroxide                         | 1310-82-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Rubidium Iodide                            | 7790-29-6  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Safrole                                    | 94-59-7    | Yes      | No        | Organics      | 2.20E-01                                  | C                   | -               |         | 2.13E-01                      | -                          | 2.13E-01                |
| Samarium Chloride (Stable, Nonradioactive) | 10361-82-7 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Samarium Nitrate (Stable, Nonradioactive)  | 10361-83-8 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Scandium                                   | 7440-20-2  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Selenious Acid                             | 7783-00-8  | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Selenite                                   | 14124-67-5 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Selenium                                   | 7782-49-2  | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Selenium Sulfide                           | 7446-34-6  | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | C       | -                             | 6.70E+01                   | 6.70E+01                |
| Selenourea                                 | 630-10-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Sethoxydim                                 | 74051-80-2 | No       | No        | Organics      | -                                         |                     | 1.40E-01        | O       | -                             | 1.88E+03                   | 1.88E+03                |
| Silica (crystalline, respirable)           | 7631-86-9  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Silicon                                    | 7440-21-3  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Silver                                     | 7440-22-4  | No       | No        | Inorganics    | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Silver Cyanide                             | 506-64-9   | No       | No        | Inorganics    | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |
| Simazine                                   | 122-34-9   | No       | No        | Organics      | 1.20E-01                                  | H                   | 5.00E-03        | I       | 3.91E-01                      | 6.70E+01                   | 3.91E-01                |
| Sodium                                     | 7440-23-5  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sodium Acifluorfen                         | 62476-59-9 | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Sodium Azide                               | 26628-22-8 | No       | No        | Inorganics    | -                                         |                     | 4.00E-03        | I       | -                             | 5.36E+01                   | 5.36E+01                |
| Sodium Cyanide                             | 143-33-9   | No       | No        | Inorganics    | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Sodium Diethyldithiocarbamate              | 148-18-5   | No       | No        | Organics      | 2.70E-01                                  | H                   | 3.00E-02        | I       | 1.74E-01                      | 4.02E+02                   | 1.74E-01                |
| Sodium Fluoride                            | 7681-49-4  | No       | No        | Inorganics    | -                                         |                     | 5.00E-02        | A       | -                             | 6.70E+02                   | 6.70E+02                |
| Sodium Fluoroacetate                       | 62-74-8    | No       | No        | Organics      | -                                         |                     | 2.00E-05        | I       | -                             | 2.68E-01                   | 2.68E-01                |
| Sodium Hydroxide                           | 1310-73-2  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sodium Metavanadate                        | 13718-26-8 | No       | No        | Inorganics    | -                                         |                     | 1.00E-03        | H       | -                             | 1.34E+01                   | 1.34E+01                |
| Sodium Perchlorate                         | 7601-89-0  | No       | No        | Inorganics    | -                                         |                     | 7.00E-04        | I       | -                             | 9.38E+00                   | 9.38E+00                |
| Sodium Tungstate                           | 13472-45-2 | No       | No        | Inorganics    | -                                         |                     | 8.00E-04        | P       | -                             | 1.07E+01                   | 1.07E+01                |
| Sodium Tungstate Dihydrate                 | 10213-10-2 | No       | No        | Inorganics    | -                                         |                     | 8.00E-04        | P       | -                             | 1.07E+01                   | 1.07E+01                |
| Sodium acid pyrophosphate                  | 7758-16-9  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Sodium aluminum phosphate (acidic)         | 7785-88-8  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sodium aluminum phosphate (anhydrous)      | 10279-59-1 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Sodium aluminum phosphate (tetrahydrate)                                           | 10305-76-7 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sodium hexametaphosphate                                                           | 10124-56-8 | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Sodium perfluorobutanoate                                                          | 2218-54-4  | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Sodium perfluorohexanoate                                                          | 2923-26-4  | No       | Yes       | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Sodium polyphosphate                                                               | 68915-31-1 | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Sodium salts of inorganic phosphates                                               | NA         | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Sodium trimetaphosphate                                                            | 7785-84-4  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Sodium tripolyphosphate                                                            | 7758-29-4  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Stearyl Acetate                                                                    | 822-23-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Stirofos (Tetrachlorovinphos)                                                      | 961-11-5   | No       | No        | Organics      | 2.40E-02                                  | H                   | 3.00E-02        | I       | 1.96E+00                      | 4.02E+02                   | 1.96E+00                |
| Strontium, Stable                                                                  | 7440-24-6  | No       | No        | Inorganics    | -                                         |                     | 6.00E-01        | I       | -                             | 8.04E+03                   | 8.04E+03                |
| Strychnine                                                                         | 57-24-9    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Styrene                                                                            | 100-42-5   | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)                                   | 57964-39-3 | No       | No        | Organics      | -                                         |                     | 3.00E-03        | P       | -                             | 4.02E+01                   | 4.02E+01                |
| Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)                                   | 57964-40-6 | No       | No        | Organics      | -                                         |                     | 3.00E-03        | P       | -                             | 4.02E+01                   | 4.02E+01                |
| Sulfate                                                                            | 14808-79-8 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfite                                                                            | 14265-45-3 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfolane                                                                          | 126-33-0   | No       | No        | Organics      | -                                         |                     | 1.00E-03        | P       | -                             | 1.34E+01                   | 1.34E+01                |
| Sulfonylbis(4-chlorobenzene), 1,1'-                                                | 80-07-9    | No       | No        | Organics      | -                                         |                     | 8.00E-04        | P       | -                             | 1.07E+01                   | 1.07E+01                |
| Sulfur                                                                             | 7704-34-9  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfur Dioxide                                                                     | 7446-09-5  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfur Mustard                                                                     | 505-60-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfur Trioxide                                                                    | 7446-11-9  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfuric Acid                                                                      | 7664-93-9  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8   | No       | No        | Organics      | 2.50E-02                                  | I                   | 5.00E-02        | H       | 1.88E+00                      | 6.70E+02                   | 1.88E+00                |
| TCDD, 2,3,7,8-                                                                     | 1746-01-6  | No       | Yes       | Organics      | 1.30E+05                                  | C                   | 7.00E-10        | I       | 3.61E-07                      | 9.38E-06                   | 3.61E-07                |
| TCDF, 2,3,7,8-                                                                     | 51207-31-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                   | 7.00E-09        | W       | 3.61E-06                      | 9.38E-05                   | 3.61E-06                |
| Tebuthiuron                                                                        | 34014-18-1 | No       | No        | Organics      | -                                         |                     | 7.00E-02        | I       | -                             | 9.38E+02                   | 9.38E+02                |
| Technetium                                                                         | 7440-26-8  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Tellurium                                                                          | 13494-80-9 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Temephos                                                                           | 3383-96-8  | No       | No        | Organics      | -                                         |                     | 2.00E-02        | H       | -                             | 2.68E+02                   | 2.68E+02                |
| Terbacil                                                                           | 5902-51-2  | No       | No        | Organics      | -                                         |                     | 1.30E-02        | I       | -                             | 1.74E+02                   | 1.74E+02                |
| Terbufos                                                                           | 13071-79-9 | No       | Yes       | Organics      | -                                         |                     | 2.50E-05        | H       | -                             | 3.35E-01                   | 3.35E-01                |
| Terbutryn                                                                          | 886-50-0   | No       | No        | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Tert-Butyl Acetate                                                                 | 540-88-5   | No       | Yes       | Organics      | 5.00E-03                                  | C                   | -               |         | 9.38E+00                      | -                          | 9.38E+00                |
| Test Chemical                                                                      | NA         | No       | No        |               | -                                         |                     | -               |         | -                             | -                          |                         |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                      | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1  | No       | No        | Organics      | -                                         |                     | 1.00E-04        | I       | -                             | 1.34E+00                   | 1.34E+00                |
| Tetrabutyl Lead                               | 1920-90-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachloroaniline, 2,3,5,6-                  | 3481-20-7  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachlorobenzene, 1,2,3,4-                  | 634-66-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachlorobenzene, 1,2,4,5-                  | 95-94-3    | No       | Yes       | Organics      | -                                         |                     | 3.00E-05        | P       | -                             | 4.02E-01                   | 4.02E-01                |
| Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)      | 32598-13-3 | No       | No        | Organics      | 1.30E+01                                  | W                   | 7.00E-06        | W       | 3.61E-03                      | 9.38E-02                   | 3.61E-03                |
| Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)       | 70362-50-4 | No       | Yes       | Organics      | 3.90E+01                                  | W                   | 2.33E-06        | W       | 1.20E-03                      | 3.13E-02                   | 1.20E-03                |
| Tetrachloroethane, 1,1,1,2-                   | 630-20-6   | No       | Yes       | Organics      | 2.60E-02                                  | I                   | 3.00E-02        | I       | 1.80E+00                      | 4.02E+02                   | 1.80E+00                |
| Tetrachloroethane, 1,1,2,2-                   | 79-34-5    | No       | Yes       | Organics      | 2.00E-01                                  | I                   | 2.00E-02        | I       | 2.35E-01                      | 2.68E+02                   | 2.35E-01                |
| Tetrachloroethylene                           | 127-18-4   | No       | Yes       | Organics      | 2.10E-03                                  | I                   | 6.00E-03        | I       | 2.23E+01                      | 8.04E+01                   | 2.23E+01                |
| Tetrachlorophenol, 2,3,4,5-                   | 4901-51-3  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachlorophenol, 2,3,4,6-                   | 58-90-2    | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Tetrachlorophenols (total)                    | 25167-83-3 | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachloroterephthalate, 2,3,5,6-            | 2136-79-0  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrachlorotoluene, p- alpha, alpha, alpha-   | 5216-25-1  | No       | Yes       | Organics      | 1.60E+01                                  | X                   | 6.00E-05        | X       | 2.93E-03                      | 8.04E-01                   | 2.93E-03                |
| Tetraethyl Dithiopyrophosphate                | 3689-24-5  | No       | No        | Organics      | -                                         |                     | 5.00E-04        | I       | -                             | 6.70E+00                   | 6.70E+00                |
| Tetraethyl Lead                               | 78-00-2    | No       | Yes       | Organics      | -                                         |                     | 1.00E-07        | I       | -                             | 1.34E-03                   | 1.34E-03                |
| Tetrafluoroethane, 1,1,1,2-                   | 811-97-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrahydrofuran                               | 109-99-9   | No       | Yes       | Organics      | -                                         |                     | 9.00E-01        | I       | -                             | 1.21E+04                   | 1.21E+04                |
| Tetrahydrothiophene                           | 110-01-0   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetramethyl Lead                              | 75-74-1    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetramethylcyclohexane                        | 30501-43-0 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetramethylphosphoramidate, -N,N,N',N" (TMPA) | 16853-36-4 | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Tetrapotassium phosphate                      | 7320-34-5  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Tetrapropyl Lead                              | 3440-75-3  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tetrasodium pyrophosphate                     | 7722-88-5  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Tetryl (TrinitrophenylmethylNitramine)        | 479-45-8   | No       | No        | Organics      | -                                         |                     | 2.00E-03        | P       | -                             | 2.68E+01                   | 2.68E+01                |
| Thallic Oxide                                 | 1314-32-5  | No       | No        | Inorganics    | -                                         |                     | 2.00E-05        | G       | -                             | 2.68E-01                   | 2.68E-01                |
| Thallium (I) Nitrate                          | 10102-45-1 | No       | No        | Inorganics    | -                                         |                     | 1.00E-05        | X       | -                             | 1.34E-01                   | 1.34E-01                |
| Thallium (Soluble Salts)                      | 7440-28-0  | No       | No        | Inorganics    | -                                         |                     | 1.00E-05        | X       | -                             | 1.34E-01                   | 1.34E-01                |
| Thallium Acetate                              | 563-68-8   | No       | Yes       | Organics      | -                                         |                     | 1.00E-05        | X       | -                             | 1.34E-01                   | 1.34E-01                |
| Thallium Carbonate                            | 6533-73-9  | No       | No        | Inorganics    | -                                         |                     | 2.00E-05        | X       | -                             | 2.68E-01                   | 2.68E-01                |
| Thallium Chloride                             | 7791-12-0  | No       | No        | Inorganics    | -                                         |                     | 1.00E-05        | X       | -                             | 1.34E-01                   | 1.34E-01                |
| Thallium Selenite                             | 12039-52-0 | No       | No        | Inorganics    | -                                         |                     | 1.00E-05        | G       | -                             | 1.34E-01                   | 1.34E-01                |
| Thallium Sulfate                              | 7446-18-6  | No       | No        | Inorganics    | -                                         |                     | 2.00E-05        | X       | -                             | 2.68E-01                   | 2.68E-01                |
| Thifensulfuron-methyl                         | 79277-27-3 | No       | No        | Organics      | -                                         |                     | 4.30E-02        | O       | -                             | 5.76E+02                   | 5.76E+02                |

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| Chemical                                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Thiobencarb                                                 | 28249-77-6 | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Thiocyanates                                                | NA         | No       | No        | Inorganics    | -                                         |                     | 2.00E-04        | P       | -                             | 2.68E+00                   | 2.68E+00                |
| Thiocyanic Acid                                             | 463-56-9   | No       | Yes       | Inorganics    | -                                         |                     | 2.00E-04        | X       | -                             | 2.68E+00                   | 2.68E+00                |
| Thiocyanic acid, (2-benzothiazolylthio)methyl ester (TCMTB) | 21564-17-0 | No       | No        | Organics      | -                                         |                     | 3.00E-02        | H       | -                             | 4.02E+02                   | 4.02E+02                |
| Thiodiglycol                                                | 111-48-8   | No       | No        | Organics      | -                                         |                     | 7.00E-02        | X       | -                             | 9.38E+02                   | 9.38E+02                |
| Thiofanox                                                   | 39196-18-4 | No       | No        | Organics      | -                                         |                     | 3.00E-04        | H       | -                             | 4.02E+00                   | 4.02E+00                |
| Thiophanate, Methyl                                         | 23564-05-8 | No       | No        | Organics      | 1.16E-02                                  | O                   | 1.60E-01        | O       | 4.05E+00                      | 2.15E+03                   | 4.05E+00                |
| Thiophene                                                   | 110-02-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Thiram                                                      | 137-26-8   | No       | No        | Organics      | -                                         |                     | 1.50E-02        | O       | -                             | 2.01E+02                   | 2.01E+02                |
| Thorium                                                     | 7440-29-1  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Thymol                                                      | 89-83-8    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tin                                                         | 7440-31-5  | No       | No        | Inorganics    | -                                         |                     | 6.00E-01        | H       | -                             | 8.04E+03                   | 8.04E+03                |
| Titanium                                                    | 7440-32-6  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Titanium Tetrachloride                                      | 7550-45-0  | No       | Yes       | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Toluene                                                     | 108-88-3   | No       | Yes       | Organics      | -                                         |                     | 8.00E-02        | I       | -                             | 1.07E+03                   | 1.07E+03                |
| Toluene-2,4-diisocyanate                                    | 584-84-9   | No       | Yes       | Organics      | 3.90E-02                                  | C                   | -               |         | 1.20E+00                      | -                          | 1.20E+00                |
| Toluene-2,6-diisocyanate                                    | 91-08-7    | No       | Yes       | Organics      | 3.90E-02                                  | C                   | -               |         | 1.20E+00                      | -                          | 1.20E+00                |
| Toluenediamine, 2,3-                                        | 2687-25-4  | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Toluenediamine, 2,5-                                        | 95-70-5    | No       | No        | Organics      | 1.80E-01                                  | X                   | 2.00E-04        | X       | 2.61E-01                      | 2.68E+00                   | 2.61E-01                |
| Toluenediamine, 3,4-                                        | 496-72-0   | No       | No        | Organics      | -                                         |                     | 1.00E-04        | X       | -                             | 1.34E+00                   | 1.34E+00                |
| Toluic Acid, p-                                             | 99-94-5    | No       | No        | Organics      | -                                         |                     | 5.00E-03        | P       | -                             | 6.70E+01                   | 6.70E+01                |
| Toluidine, o- (Methylaniline, 2-)                           | 95-53-4    | No       | No        | Organics      | 1.60E-02                                  | P                   | -               |         | 2.93E+00                      | -                          | 2.93E+00                |
| Toluidine, p-                                               | 106-49-0   | No       | No        | Organics      | 3.00E-02                                  | P                   | 4.00E-03        | X       | 1.56E+00                      | 5.36E+01                   | 1.56E+00                |
| Total Petroleum Hydrocarbons (Aliphatic High)               | NA         | No       | Yes       | Organics      | -                                         |                     | 3.00E+00        | P       | -                             | 4.02E+04                   | 4.02E+04                |
| Total Petroleum Hydrocarbons (Aliphatic Low)                | NA         | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | P       | -                             | 6.70E+01                   | 6.70E+01                |
| Total Petroleum Hydrocarbons (Aliphatic Medium)             | NA         | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Total Petroleum Hydrocarbons (Aromatic High)                | NA         | Yes      | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Total Petroleum Hydrocarbons (Aromatic Low)                 | NA         | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Total Petroleum Hydrocarbons (Aromatic Medium)              | NA         | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | P       | -                             | 1.34E+02                   | 1.34E+02                |
| Toxaphene                                                   | 8001-35-2  | No       | No        | Organics      | 1.10E+00                                  | I                   | 9.00E-05        | P       | 4.27E-02                      | 1.21E+00                   | 4.27E-02                |
| Toxaphene, Weathered                                        | NA         | No       | No        | Organics      | -                                         |                     | 3.00E-05        | X       | -                             | 4.02E-01                   | 4.02E-01                |
| Tralomethrin                                                | 66841-25-6 | No       | No        | Organics      | -                                         |                     | 7.50E-03        | I       | -                             | 1.01E+02                   | 1.01E+02                |
| Tri-n-butyltin                                              | 688-73-3   | No       | Yes       | Organics      | -                                         |                     | 3.00E-04        | A       | -                             | 4.02E+00                   | 4.02E+00                |
| Triacetin                                                   | 102-76-1   | No       | No        | Organics      | -                                         |                     | 8.00E+01        | X       | -                             | 1.07E+06                   | 1.07E+06                |
| Triadimefon                                                 | 43121-43-3 | No       | No        | Organics      | -                                         |                     | 3.40E-02        | O       | -                             | 4.56E+02                   | 4.56E+02                |
| Triallate                                                   | 2303-17-5  | No       | Yes       | Organics      | 7.17E-02                                  | O                   | 2.50E-02        | O       | 6.54E-01                      | 3.35E+02                   | 6.54E-01                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                            | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Triasulfuron                                                        | 82097-50-5  | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Triaziquone                                                         | 68-76-8     | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tribenuron-methyl                                                   | 101200-48-0 | No       | No        | Organics      | -                                         |                     | 8.00E-03        | I       | -                             | 1.07E+02                   | 1.07E+02                |
| Tribromobenzene, 1,2,4-                                             | 615-54-3    | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Tribromochloromethane                                               | 594-15-0    | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tribromodiphenyl Ether                                              | 49690-94-0  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tribromophenol, 2,4,6-                                              | 118-79-6    | No       | No        | Organics      | -                                         |                     | 9.00E-03        | X       | -                             | 1.21E+02                   | 1.21E+02                |
| Tribufos                                                            | 78-48-8     | No       | No        | Organics      | -                                         |                     | 2.00E-04        | O       | -                             | 2.68E+00                   | 2.68E+00                |
| Tributyl Phosphate                                                  | 126-73-8    | No       | No        | Organics      | 9.00E-03                                  | P                   | 1.00E-02        | P       | 5.21E+00                      | 1.34E+02                   | 5.21E+00                |
| Tributyltin Compounds                                               | NA          | No       | No        | Organics      | -                                         |                     | 3.00E-04        | P       | -                             | 4.02E+00                   | 4.02E+00                |
| Tributyltin Oxide                                                   | 56-35-9     | No       | No        | Organics      | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Tributyltin chloride                                                | 1461-22-9   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tributyltin fluoride                                                | 1983-10-4   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tributyltin linoleate                                               | 24124-25-2  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tributyltin methacrylate                                            | 2155-70-6   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tributyltin naphthenate                                             | 85409-17-2  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tricaine Methanesulfonate                                           | 886-86-2    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tricalcium phosphate                                                | 7758-87-4   | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichloramine                                                       | 10025-85-1  | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichloro-1,2,2-trifluoroethane, 1,1,2-                             | 76-13-1     | No       | Yes       | Organics      | -                                         |                     | 3.00E+01        | I       | -                             | 4.02E+05                   | 4.02E+05                |
| Trichloro-2'-hydroxydiphenylether                                   | 3380-34-5   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichloroacetic Acid                                                | 76-03-9     | No       | No        | Organics      | 7.00E-02                                  | I                   | 2.00E-02        | I       | 6.70E-01                      | 2.68E+02                   | 6.70E-01                |
| Trichloroaniline HCl, 2,4,6-                                        | 33663-50-2  | No       | No        | Organics      | 2.90E-02                                  | H                   | -               |         | 1.62E+00                      | -                          | 1.62E+00                |
| Trichloroaniline, 2,4,5-                                            | 636-30-6    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichloroaniline, 2,4,6-                                            | 634-93-5    | No       | No        | Organics      | 7.00E-03                                  | X                   | 3.00E-05        | X       | 6.70E+00                      | 4.02E-01                   | 4.02E-01                |
| Trichlorobenzene                                                    | 12002-48-1  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichlorobenzene, 1,2,3-                                            | 87-61-6     | No       | Yes       | Organics      | -                                         |                     | 8.00E-04        | X       | -                             | 1.07E+01                   | 1.07E+01                |
| Trichlorobenzene, 1,2,4-                                            | 120-82-1    | No       | Yes       | Organics      | 2.90E-02                                  | P                   | 1.00E-02        | I       | 1.62E+00                      | 1.34E+02                   | 1.62E+00                |
| Trichloroethane, 1,1,1-                                             | 71-55-6     | No       | Yes       | Organics      | -                                         |                     | 2.00E+00        | I       | -                             | 2.68E+04                   | 2.68E+04                |
| Trichloroethane, 1,1,2-                                             | 79-00-5     | No       | Yes       | Organics      | 5.70E-02                                  | I                   | 4.00E-03        | I       | 8.23E-01                      | 5.36E+01                   | 8.23E-01                |
| Trichloroethylene                                                   | 79-01-6     | Yes      | Yes       | Organics      | 4.60E-02                                  | I                   | 5.00E-04        | I       | 1.02E+00                      | 6.70E+00                   | 1.02E+00                |
| Trichlorofluoromethane                                              | 75-69-4     | No       | Yes       | Organics      | -                                         |                     | 3.00E-01        | I       | -                             | 4.02E+03                   | 4.02E+03                |
| Trichlorophenol, 2,4,5-                                             | 95-95-4     | No       | No        | Organics      | -                                         |                     | 1.00E-01        | I       | -                             | 1.34E+03                   | 1.34E+03                |

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| Chemical                                 | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Trichlorophenol, 2,4,6-                  | 88-06-2    | No       | No        | Organics      | 1.10E-02                                  | I                   | 1.00E-03        | P       | 4.27E+00                      | 1.34E+01                   | 4.27E+00                |
| Trichlorophenoxyacetic Acid, 2,4,5-      | 93-76-5    | No       | No        | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Trichlorophenoxypropionic acid, -2,4,5   | 93-72-1    | No       | No        | Organics      | -                                         |                     | 8.00E-03        | I       | -                             | 1.07E+02                   | 1.07E+02                |
| Trichloropropane, 1,1,2-                 | 598-77-6   | No       | Yes       | Organics      | -                                         |                     | 5.00E-03        | I       | -                             | 6.70E+01                   | 6.70E+01                |
| Trichloropropane, 1,2,3-                 | 96-18-4    | Yes      | Yes       | Organics      | 3.00E+01                                  | I                   | 4.00E-03        | I       | 1.56E-03                      | 5.36E+01                   | 1.56E-03                |
| Trichloropropene, 1,2,3-                 | 96-19-5    | No       | Yes       | Organics      | -                                         |                     | 3.00E-03        | X       | -                             | 4.02E+01                   | 4.02E+01                |
| Trichlorotoluene, 2,3,6-                 | 2077-46-5  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trichlorotoluene, alpha 2,6-             | 2014-83-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tricresyl Phosphate (TCP)                | 1330-78-5  | No       | No        | Organics      | -                                         |                     | 2.00E-02        | A       | -                             | 2.68E+02                   | 2.68E+02                |
| Tridiphane                               | 58138-08-2 | No       | No        | Organics      | -                                         |                     | 3.00E-03        | I       | -                             | 4.02E+01                   | 4.02E+01                |
| Tridymite                                | 15468-32-3 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Triethyl Lead                            | 5224-23-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Triethyl phosphorothioate [O,O,O-]       | 126-68-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Triethylamine                            | 121-44-8   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Triethylene Glycol                       | 112-27-6   | No       | No        | Organics      | -                                         |                     | 2.00E+00        | P       | -                             | 2.68E+04                   | 2.68E+04                |
| Trifluoroethane, 1,1,1-                  | 420-46-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trifluralin                              | 1582-09-8  | No       | Yes       | Organics      | 7.70E-03                                  | I                   | 7.50E-03        | I       | 6.09E+00                      | 1.01E+02                   | 6.09E+00                |
| Trimagnesium phosphate                   | 7757-87-1  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Trimethyl Lead                           | 7442-13-9  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trimethyl Phosphate                      | 512-56-1   | No       | No        | Organics      | 2.00E-02                                  | P                   | 1.00E-02        | P       | 2.35E+00                      | 1.34E+02                   | 2.35E+00                |
| Trimethyl-4-Propenyl naphthalene, 1,2,3- | 26137-53-1 | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trimethylbenzene, 1,2,3-                 | 526-73-8   | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Trimethylbenzene, 1,2,4-                 | 95-63-6    | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Trimethylbenzene, 1,3,5-                 | 108-67-8   | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | I       | -                             | 1.34E+02                   | 1.34E+02                |
| Trimethylethyl Lead                      | 1762-26-1  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trimethylpentane, 2,2,4-                 | 540-84-1   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trimethylpentene, 2,4,4-                 | 25167-70-8 | No       | Yes       | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Trinitrobenzene, 1,3,5-                  | 99-35-4    | No       | No        | Organics      | -                                         |                     | 3.00E-02        | I       | -                             | 4.02E+02                   | 4.02E+02                |
| Trinitrotoluene, 2,4,6-                  | 118-96-7   | No       | No        | Organics      | 3.00E-02                                  | I                   | 5.00E-04        | I       | 1.56E+00                      | 6.70E+00                   | 1.56E+00                |
| Triphenylphosphine Oxide                 | 791-28-6   | No       | No        | Organics      | -                                         |                     | 2.00E-02        | P       | -                             | 2.68E+02                   | 2.68E+02                |
| Tripotassium phosphate                   | 7778-53-2  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Tripropyl Lead                           | 6618-03-7  | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tris(1,3-Dichloro-2-propyl) Phosphate    | 13674-87-8 | No       | No        | Organics      | -                                         |                     | 2.00E-02        | A       | -                             | 2.68E+02                   | 2.68E+02                |
| Tris(1-chloro-2-propyl)phosphate         | 13674-84-5 | No       | No        | Organics      | -                                         |                     | 1.00E-02        | X       | -                             | 1.34E+02                   | 1.34E+02                |
| Tris(2,3-dibromopropyl)phosphate         | 126-72-7   | No       | Yes       | Organics      | 2.30E+00                                  | C                   | -               |         | 2.04E-02                      | -                          | 2.04E-02                |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                     | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> Ref | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Tris(2-chloroethyl)phosphate | 115-96-8   | No       | No        | Organics      | 2.00E-02                                  | P                   | 7.00E-03        | P       | 2.35E+00                      | 9.38E+01                   | 2.35E+00                |
| Tris(2-ethylhexyl)phosphate  | 78-42-2    | No       | No        | Organics      | 3.20E-03                                  | P                   | 1.00E-01        | P       | 1.47E+01                      | 1.34E+03                   | 1.47E+01                |
| Trisbutoxyethyl Phosphate    | 78-51-3    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Trisodium phosphate          | 7601-54-9  | No       | No        | Inorganics    | -                                         |                     | 1.00E+00        | P       | -                             | 1.34E+04                   | 1.34E+04                |
| Trithion                     | 786-19-6   | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Tungsten                     | 7440-33-7  | No       | No        | Inorganics    | -                                         |                     | 8.00E-04        | P       | -                             | 1.07E+01                   | 1.07E+01                |
| Uranium                      | 7440-61-1  | No       | No        | Inorganics    | -                                         |                     | 2.00E-04        | A       | -                             | 2.68E+00                   | 2.68E+00                |
| Urea                         | 57-13-6    | No       | No        | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Urethane                     | 51-79-6    | Yes      | No        | Organics      | 1.00E+00                                  | C                   | -               |         | 4.69E-02                      | -                          | 4.69E-02                |
| Vanadium Pentoxide           | 1314-62-1  | No       | No        | Inorganics    | -                                         |                     | 9.00E-03        | I       | -                             | 1.21E+02                   | 1.21E+02                |
| Vanadium Sulfate             | 36907-42-3 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Vanadium and Compounds       | 7440-62-2  | No       | No        | Inorganics    | -                                         |                     | 5.04E-03        | G       | -                             | 6.76E+01                   | 6.76E+01                |
| Vanadyl Sulfate              | 27774-13-6 | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Vernolate                    | 1929-77-7  | No       | Yes       | Organics      | -                                         |                     | 1.00E-03        | I       | -                             | 1.34E+01                   | 1.34E+01                |
| Vinclozolin                  | 50471-44-8 | No       | No        | Organics      | -                                         |                     | 1.20E-03        | O       | -                             | 1.61E+01                   | 1.61E+01                |
| Vinyl Acetate                | 108-05-4   | No       | Yes       | Organics      | -                                         |                     | 1.00E+00        | H       | -                             | 1.34E+04                   | 1.34E+04                |
| Vinyl Bromide                | 593-60-2   | No       | Yes       | Organics      | -                                         |                     | -               |         | -                             | -                          |                         |
| Vinyl Chloride               | 75-01-4    | Yes      | Yes       | Organics      | 7.20E-01                                  | I                   | 3.00E-03        | I       | 6.52E-02                      | 4.02E+01                   | 6.52E-02                |
| Warfarin                     | 81-81-2    | No       | No        | Organics      | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Xylene, m-                   | 108-38-3   | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | G       | -                             | 2.68E+03                   | 2.68E+03                |
| Xylene, o-                   | 95-47-6    | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | G       | -                             | 2.68E+03                   | 2.68E+03                |
| Xylene, p-                   | 106-42-3   | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | G       | -                             | 2.68E+03                   | 2.68E+03                |
| Xylenes                      | 1330-20-7  | No       | Yes       | Organics      | -                                         |                     | 2.00E-01        | I       | -                             | 2.68E+03                   | 2.68E+03                |
| Ytterbium                    | 7440-64-4  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Yttrium                      | 7440-65-5  | No       | No        | Inorganics    | -                                         |                     | -               |         | -                             | -                          |                         |
| Zinc Cyanide                 | 557-21-1   | No       | No        | Inorganics    | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Zinc Phosphide               | 1314-84-7  | No       | No        | Inorganics    | -                                         |                     | 3.00E-04        | I       | -                             | 4.02E+00                   | 4.02E+00                |
| Zinc and Compounds           | 7440-66-6  | No       | No        | Inorganics    | -                                         |                     | 3.00E-01        | I       | -                             | 4.02E+03                   | 4.02E+03                |
| Zineb                        | 12122-67-7 | No       | No        | Organics      | -                                         |                     | 5.00E-02        | I       | -                             | 6.70E+02                   | 6.70E+02                |
| Zirconium                    | 7440-67-7  | No       | No        | Inorganics    | -                                         |                     | 8.00E-05        | X       | -                             | 1.07E+00                   | 1.07E+00                |

Attachment D1. Youth Fish/Crab Consumption Input Parameter Values  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

| Variable                                                    | Fish<br>Fish<br>Default<br>Value | Site-Specific<br>Value |
|-------------------------------------------------------------|----------------------------------|------------------------|
| AT (averaging time)                                         | 365                              | 365                    |
| BW <sub>res-a</sub> (body weight) kg                        | 80                               | 44                     |
| ED <sub>res</sub> (exposure duration) yr                    | 26                               | 10                     |
| EF <sub>res-a</sub> (exposure frequency) days/yr            | 350                              | 60                     |
| THQ (target hazard quotient) unitless                       | 0.1                              | 1                      |
| IRF <sub>res-a</sub> (fish consumption rate - adult) mg/day |                                  | 17800                  |
| LT (lifetime) yr                                            | 70                               | 70                     |
| TR (target cancer risk) unitless                            | 1E-06                            | 0.000001               |

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Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Acenaphthene                       | 83-32-9    | No       | Yes       | Organics      | -                                         |                                 | 6.00E-02        | I       | -                             | 9.02E+02                   | 9.02E+02                |
| Acenaphthylene                     | 208-96-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acephate                           | 30560-19-1 | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | O       | -                             | 4.51E+00                   | 4.51E+00                |
| Acetaldehyde                       | 75-07-0    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acetochlor                         | 34256-82-1 | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Acetone                            | 67-64-1    | No       | Yes       | Organics      | -                                         |                                 | 9.00E-01        | I       | -                             | 1.35E+04                   | 1.35E+04                |
| Acetone Cyanohydrin                | 75-86-5    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acetonitrile                       | 75-05-8    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acetophenone                       | 98-86-2    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Acetylaminofluorene, 2-            | 53-96-3    | No       | No        | Organics      | 3.80E+00                                  | C                               | -               |         | 2.77E-02                      | -                          | 2.77E-02                |
| Acifluorofen                       | 50594-66-6 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acridine                           | 260-94-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Acrolein                           | 107-02-8   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Acrylamide                         | 79-06-1    | Yes      | No        | Organics      | 5.00E-01                                  | I                               | 2.00E-03        | I       | 2.11E-01                      | 3.01E+01                   | 2.11E-01                |
| Acrylic Acid                       | 79-10-7    | No       | Yes       | Organics      | -                                         |                                 | 5.00E-01        | I       | -                             | 7.52E+03                   | 7.52E+03                |
| Acrylonitrile                      | 107-13-1   | No       | Yes       | Organics      | 5.40E-01                                  | I                               | 1.00E-02        | A       | 1.95E-01                      | 1.50E+02                   | 1.95E-01                |
| Adiponitrile                       | 111-69-3   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Alachlor                           | 15972-60-8 | No       | No        | Organics      | 5.60E-02                                  | C                               | 1.00E-02        | I       | 1.88E+00                      | 1.50E+02                   | 1.88E+00                |
| Aldicarb                           | 116-06-3   | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Aldicarb Sulfone                   | 1646-88-4  | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Aldicarb sulfoxide                 | 1646-87-3  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Aldrin                             | 309-00-2   | No       | Yes       | Organics      | 1.70E+01                                  | I                               | 3.00E-05        | I       | 6.19E-03                      | 4.51E-01                   | 6.19E-03                |
| Alizarin Red Compounds             | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Allyl Alcohol                      | 107-18-6   | No       | Yes       | Organics      | -                                         |                                 | 4.00E-03        | P       | -                             | 6.01E+01                   | 6.01E+01                |
| Allyl Chloride                     | 107-05-1   | No       | Yes       | Organics      | 2.10E-02                                  | C                               | -               |         | 5.01E+00                      | -                          | 5.01E+00                |
| Aluminum                           | 7429-90-5  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Aluminum Phosphide                 | 20859-73-8 | No       | No        | Inorganics    | -                                         |                                 | 4.00E-04        | I       | -                             | 6.01E+00                   | 6.01E+00                |
| Aluminum metaphosphate             | 13776-88-0 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ametryn                            | 834-12-8   | No       | No        | Organics      | -                                         |                                 | 9.00E-03        | I       | -                             | 1.35E+02                   | 1.35E+02                |
| Amino-4-chlorobenzotrifluoride, 3- | 121-50-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Aminoazobenzene, p-                | 60-09-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Aminobiphenyl, 4-                  | 92-67-1    | No       | No        | Organics      | 2.10E+01                                  | C                               | -               |         | 5.01E-03                      | -                          | 5.01E-03                |
| Aminophenol, m-                    | 591-27-5   | No       | No        | Organics      | -                                         |                                 | 8.00E-02        | P       | -                             | 1.20E+03                   | 1.20E+03                |
| Aminophenol, o-                    | 95-55-6    | No       | No        | Organics      | -                                         |                                 | 4.00E-03        | X       | -                             | 6.01E+01                   | 6.01E+01                |
| Aminophenol, p-                    | 123-30-8   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Aminopyridine, 4-                  | 504-24-5   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Amitraz                            | 33089-61-1 | No       | No        | Organics      | -                                         |                                 | 2.50E-03        | I       | -                             | 3.76E+01                   | 3.76E+01                |

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                   | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Ammonium Perchlorate                       | 7790-98-9  | No       | No        | Inorganics    | -                                         |                                 | 7.00E-04        | I       | -                             | 1.05E+01                   | 1.05E+01                |
| Ammonium Picrate                           | 131-74-8   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | X       | -                             | 3.01E+01                   | 3.01E+01                |
| Ammonium Sulfamate                         | 7773-06-0  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Ammonium perfluoro-2-methyl-3-oxahexanoate | 62037-80-3 | No       | No        | Organics      | -                                         |                                 | 3.00E-06        | D       | -                             | 4.51E-02                   | 4.51E-02                |
| Ammonium perfluorobutanoate                | 10495-86-0 | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Ammonium perfluorohexanoate                | 21615-47-4 | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Ammonium polyphosphate                     | 68333-79-9 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Amyl Alcohol, tert-                        | 75-85-4    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Aniline                                    | 62-53-3    | No       | No        | Organics      | 5.70E-03                                  | I                               | 7.00E-03        | P       | 1.85E+01                      | 1.05E+02                   | 1.85E+01                |
| Anilinobenzothiazole                       | 1843-21-6  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Anthracene                                 | 120-12-7   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-01        | I       | -                             | 4.51E+03                   | 4.51E+03                |
| Anthraquinone, 9,10-                       | 84-65-1    | No       | No        | Organics      | 4.00E-02                                  | P                               | 2.00E-03        | X       | 2.63E+00                      | 3.01E+01                   | 2.63E+00                |
| Antimony (metallic)                        | 7440-36-0  | No       | No        | Inorganics    | -                                         |                                 | 4.00E-04        | I       | -                             | 6.01E+00                   | 6.01E+00                |
| Antimony Pentoxide                         | 1314-60-9  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-04        | H       | -                             | 7.52E+00                   | 7.52E+00                |
| Antimony Potassium Tartrate                | 11071-15-1 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Antimony Tetroxide                         | 1332-81-6  | No       | No        | Inorganics    | -                                         |                                 | 4.00E-04        | H       | -                             | 6.01E+00                   | 6.01E+00                |
| Antimony Trichloride                       | 10025-91-9 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Antimony Trioxide                          | 1309-64-4  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Aroclor 1016                               | 12674-11-2 | No       | Yes       | Organics      | 7.00E-02                                  | G                               | 7.00E-05        | I       | 1.50E+00                      | 1.05E+00                   | 1.05E+00                |
| Aroclor 1221                               | 11104-28-2 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Aroclor 1232                               | 11141-16-5 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Aroclor 1242                               | 53469-21-9 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Aroclor 1248                               | 12672-29-6 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Aroclor 1254                               | 11097-69-1 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | 2.00E-05        | I       | 5.26E-02                      | 3.01E-01                   | 5.26E-02                |
| Aroclor 1260                               | 11096-82-5 | No       | Yes       | Organics      | 2.00E+00                                  | G                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Aroclor 5460                               | 11126-42-4 | No       | Yes       | Organics      | -                                         |                                 | 6.00E-04        | X       | -                             | 9.02E+00                   | 9.02E+00                |
| Arsenic Salts                              | NA         | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Arsenic, Inorganic                         | 7440-38-2  | No       | No        | Inorganics    | 1.50E+00                                  | I                               | 3.00E-04        | I       | 7.02E-02                      | 4.51E+00                   | 7.02E-02                |
| Arsine                                     | 7784-42-1  | No       | No        | Inorganics    | -                                         |                                 | 3.50E-06        | C       | -                             | 5.26E-02                   | 5.26E-02                |
| Asulam                                     | 3337-71-1  | No       | No        | Organics      | -                                         |                                 | 3.60E-01        | O       | -                             | 5.41E+03                   | 5.41E+03                |
| Atrazine                                   | 1912-24-9  | No       | No        | Organics      | 2.30E-01                                  | C                               | 3.00E-03        | A       | 4.58E-01                      | 4.51E+01                   | 4.58E-01                |
| Auramine                                   | 492-80-8   | No       | No        | Organics      | 8.80E-01                                  | C                               | -               |         | 1.20E-01                      | -                          | 1.20E-01                |
| Avermectin B1                              | 65195-55-3 | No       | No        | Organics      | -                                         |                                 | 4.00E-04        | I       | -                             | 6.01E+00                   | 6.01E+00                |
| Azinphos-methyl                            | 86-50-0    | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | A       | -                             | 4.51E+01                   | 4.51E+01                |
| Azobenzene                                 | 103-33-3   | No       | Yes       | Organics      | 1.10E-01                                  | I                               | -               |         | 9.57E-01                      | -                          | 9.57E-01                |

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| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Azodicarbonamide                       | 123-77-3   | No       | No        | Organics      | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Barium                                 | 7440-39-3  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Barium Cyanide                         | 542-62-1   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benfluralin                            | 1861-40-1  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | O       | -                             | 7.52E+01                   | 7.52E+01                |
| Benomyl                                | 17804-35-2 | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Bensulfuron-methyl                     | 83055-99-6 | No       | No        | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Bentazon                               | 25057-89-0 | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Benz[a]anthracene                      | 56-55-3    | Yes      | Yes       | Organics      | 1.00E-01                                  | E                               | -               |         | 1.05E+00                      | -                          | 1.05E+00                |
| Benzaldehyde                           | 100-52-7   | No       | Yes       | Organics      | 4.00E-03                                  | P                               | 1.00E-01        | I       | 2.63E+01                      | 1.50E+03                   | 2.63E+01                |
| Benzene                                | 71-43-2    | No       | Yes       | Organics      | 5.50E-02                                  | I                               | 4.00E-03        | I       | 1.91E+00                      | 6.01E+01                   | 1.91E+00                |
| Benzene, Ethyldimethyl                 | 29224-55-3 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzene, Ethylmethyl                   | 25550-14-5 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzene, Methylpropenyl                | 768-00-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzene, Methylpropyl                  | 28729-54-6 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzene, Trimethyl                     | 25551-13-7 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzenediamine-2-methyl sulfate, 1,4-  | 6369-59-1  | No       | No        | Organics      | 1.00E-01                                  | X                               | 3.00E-04        | X       | 1.05E+00                      | 4.51E+00                   | 1.05E+00                |
| Benzenethiol                           | 108-98-5   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | P       | -                             | 1.50E+01                   | 1.50E+01                |
| Benzidine                              | 92-87-5    | Yes      | No        | Organics      | 2.30E+02                                  | I                               | 3.00E-03        | I       | 4.58E-04                      | 4.51E+01                   | 4.58E-04                |
| Benzo(e)pyrene                         | 192-97-2   | No       | No        | Organics      | -                                         |                                 | 9.00E-05        | X       | -                             | 1.35E+00                   | 1.35E+00                |
| Benzo(j)fluoranthene                   | 205-82-3   | No       | No        | Organics      | 1.20E+00                                  | C                               | -               |         | 8.77E-02                      | -                          | 8.77E-02                |
| Benzo[a]pyrene                         | 50-32-8    | Yes      | No        | Organics      | 1.00E+00                                  | I                               | 3.00E-04        | I       | 1.05E-01                      | 4.51E+00                   | 1.05E-01                |
| Benzo[b]fluoranthene                   | 205-99-2   | Yes      | No        | Organics      | 1.00E-01                                  | E                               | -               |         | 1.05E+00                      | -                          | 1.05E+00                |
| Benzo[g,h,i]perylene                   | 191-24-2   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzo[k]fluoranthene                   | 207-08-9   | Yes      | No        | Organics      | 1.00E-02                                  | E                               | -               |         | 1.05E+01                      | -                          | 1.05E+01                |
| Benzofluoranthenes, total              | 56832-73-6 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzofluorene, 2,3-                    | 243-17-4   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzoic Acid                           | 65-85-0    | No       | No        | Organics      | -                                         |                                 | 4.00E+00        | I       | -                             | 6.01E+04                   | 6.01E+04                |
| Benzoic acid, 4-hydroxy-, methyl ester | 99-76-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzothiazole                          | 95-16-9    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Benzotrichloride                       | 98-07-7    | No       | Yes       | Organics      | 1.30E+01                                  | I                               | -               |         | 8.10E-03                      | -                          | 8.10E-03                |
| Benzyl Alcohol                         | 100-51-6   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | P       | -                             | 1.50E+03                   | 1.50E+03                |
| Benzyl Chloride                        | 100-44-7   | No       | Yes       | Organics      | 1.70E-01                                  | I                               | 2.00E-03        | P       | 6.19E-01                      | 3.01E+01                   | 6.19E-01                |
| Beryllium and compounds                | 7440-41-7  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Bifenox                                | 42576-02-3 | No       | No        | Organics      | -                                         |                                 | 9.00E-03        | P       | -                             | 1.35E+02                   | 1.35E+02                |
| Biphen thrin                           | 82657-04-3 | No       | No        | Organics      | -                                         |                                 | 1.50E-02        | I       | -                             | 2.26E+02                   | 2.26E+02                |
| Biphenyl, 1,1'-                        | 92-52-4    | No       | Yes       | Organics      | 8.00E-03                                  | I                               | 5.00E-01        | I       | 1.32E+01                      | 7.52E+03                   | 1.32E+01                |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Bis(2-chloro-1-methylethyl) ether       | 108-60-1   | No       | Yes       | Organics      | -                                         |                                 | 4.00E-02        | I       | -                             | 6.01E+02                   | 6.01E+02                |
| Bis(2-chloroethoxy)methane              | 111-91-1   | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | P       | -                             | 4.51E+01                   | 4.51E+01                |
| Bis(2-chloroethyl)ether                 | 111-44-4   | No       | Yes       | Organics      | 1.10E+00                                  | I                               | -               |         | 9.57E-02                      | -                          | 9.57E-02                |
| Bis(2-ethylhexyl)phthalate              | 117-81-7   | No       | No        | Organics      | 1.40E-02                                  | I                               | 2.00E-02        | I       | 7.52E+00                      | 3.01E+02                   | 7.52E+00                |
| Bis(Octanoyloxy)Di-N-Butyl Stannane     | 4731-77-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bis(chloromethyl)ether                  | 542-88-1   | No       | Yes       | Organics      | 2.20E+02                                  | I                               | -               |         | 4.78E-04                      | -                          | 4.78E-04                |
| Bis(oleoyloxy)dibutyl tin               | 13323-62-1 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bisphenol A                             | 80-05-7    | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Boron And Borates Only                  | 7440-42-8  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Boron Trichloride                       | 10294-34-5 | No       | Yes       | Inorganics    | -                                         |                                 | 2.00E+00        | P       | -                             | 3.01E+04                   | 3.01E+04                |
| Boron Trifluoride                       | 7637-07-2  | No       | Yes       | Inorganics    | -                                         |                                 | 4.00E-02        | C       | -                             | 6.01E+02                   | 6.01E+02                |
| Bromacil                                | 314-40-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromate                                 | 15541-45-4 | No       | No        | Inorganics    | 7.00E-01                                  | I                               | 4.00E-03        | I       | 1.50E-01                      | 6.01E+01                   | 1.50E-01                |
| Bromine                                 | 7726-95-6  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromo-2-chloroethane, 1-                | 107-04-0   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Bromo-3-fluorobenzene, 1-               | 1073-06-9  | No       | Yes       | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| Bromo-4-Ethylbenzene, 1-                | 1585-07-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromo-4-fluorobenzene, 1-               | 460-00-4   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| Bromoacetic acid                        | 79-08-3    | No       | No        | Organics      | -                                         |                                 | 1.70E-03        | C       | -                             | 2.56E+01                   | 2.56E+01                |
| Bromoacetophenone, 3-                   | 2142-63-4  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromobenzene                            | 108-86-1   | No       | Yes       | Organics      | -                                         |                                 | 8.00E-03        | I       | -                             | 1.20E+02                   | 1.20E+02                |
| Bromochloromethane                      | 74-97-5    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromodichloromethane                    | 75-27-4    | No       | Yes       | Organics      | 6.20E-02                                  | I                               | 8.00E-03        | P       | 1.70E+00                      | 1.20E+02                   | 1.70E+00                |
| Bromodiphenyl Ether, p-                 | 101-55-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromoform                               | 75-25-2    | No       | Yes       | Organics      | 7.90E-03                                  | I                               | 2.00E-02        | I       | 1.33E+01                      | 3.01E+02                   | 1.33E+01                |
| Bromomethane                            | 74-83-9    | No       | Yes       | Organics      | -                                         |                                 | 1.40E-03        | I       | -                             | 2.11E+01                   | 2.11E+01                |
| Bromophenol, p-                         | 106-41-2   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromophenyl-phenyl phthalate, 4-        | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromophos                               | 2104-96-3  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | H       | -                             | 7.52E+01                   | 7.52E+01                |
| Bromopropane, 1-                        | 106-94-5   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromopyridine, 2-                       | 109-04-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromotrichloromethane                   | 75-62-7    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Bromoxynil                              | 1689-84-5  | No       | No        | Organics      | 1.03E-01                                  | O                               | 1.50E-02        | O       | 1.02E+00                      | 2.26E+02                   | 1.02E+00                |
| Bromoxynil Octanoate                    | 1689-99-2  | No       | Yes       | Organics      | 1.03E-01                                  | O                               | 1.50E-02        | O       | 1.02E+00                      | 2.26E+02                   | 1.02E+00                |
| Butadiene, 1,3-                         | 106-99-0   | No       | Yes       | Organics      | 6.00E-01                                  | C                               | -               |         | 1.75E-01                      | -                          | 1.75E-01                |
| Butanediol, 2,3-                        | 513-85-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

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| Chemical                          | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Butanol                           | 35296-72-1 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butanol, N-                       | 71-36-3    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Butanone-2, 4-chloro-4,4-difluoro | 1515-16-8  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butyl Alcohol, t-                 | 75-65-0    | No       | Yes       | Organics      | 5.00E-04                                  | I                               | 4.00E-01        | I       | 2.11E+02                      | 6.01E+03                   | 2.11E+02                |
| Butyl Benzyl Phthalate            | 85-68-7    | No       | No        | Organics      | 1.90E-03                                  | P                               | 2.00E-01        | I       | 5.54E+01                      | 3.01E+03                   | 5.54E+01                |
| Butyl Formate, tert-              | 762-75-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butyl acrylate, n-                | 141-32-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butyl alcohol, sec-               | 78-92-2    | No       | Yes       | Organics      | -                                         |                                 | 2.00E+00        | P       | -                             | 3.01E+04                   | 3.01E+04                |
| Butylacetate                      | 123-86-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butylate                          | 2008-41-5  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Butylated hydroxyanisole          | 25013-16-5 | No       | No        | Organics      | 2.00E-04                                  | C                               | -               |         | 5.26E+02                      | -                          | 5.26E+02                |
| Butylated hydroxytoluene          | 128-37-0   | No       | No        | Organics      | 3.60E-03                                  | P                               | 3.00E-01        | P       | 2.92E+01                      | 4.51E+03                   | 2.92E+01                |
| Butylbenzene, n-                  | 104-51-8   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | P       | -                             | 7.52E+02                   | 7.52E+02                |
| Butylbenzene, sec-                | 135-98-8   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | X       | -                             | 1.50E+03                   | 1.50E+03                |
| Butylbenzene, tert-               | 98-06-6    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | X       | -                             | 1.50E+03                   | 1.50E+03                |
| Butylchloride, t-                 | 507-20-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Butylphthalyl Butylglycolate      | 85-70-1    | No       | No        | Organics      | -                                         |                                 | 1.00E+00        | I       | -                             | 1.50E+04                   | 1.50E+04                |
| Butyltin                          | 78763-54-9 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cacodylic Acid                    | 75-60-5    | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | A       | -                             | 3.01E+02                   | 3.01E+02                |
| Cadmium (Diet)                    | 7440-43-9  | No       | No        | Inorganics    | -                                         |                                 | 1.00E-04        | A       | -                             | 1.50E+00                   | 1.50E+00                |
| Calcium                           | 7440-70-2  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Calcium Cyanide                   | 592-01-8   | No       | No        | Inorganics    | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Calcium hydroxide phosphate       | 12167-74-7 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Calcium pyrophosphate             | 7790-76-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Caprolactam                       | 105-60-2   | No       | No        | Organics      | -                                         |                                 | 5.00E-01        | I       | -                             | 7.52E+03                   | 7.52E+03                |
| Captafol                          | 2425-06-1  | No       | No        | Organics      | 1.50E-01                                  | C                               | 2.00E-03        | I       | 7.02E-01                      | 3.01E+01                   | 7.02E-01                |
| Captan                            | 133-06-2   | No       | No        | Organics      | 2.30E-03                                  | C                               | 1.30E-01        | I       | 4.58E+01                      | 1.95E+03                   | 4.58E+01                |
| Carbaryl                          | 63-25-2    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Carbazole                         | 86-74-8    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Carbofuran                        | 1563-66-2  | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Carbon Disulfide                  | 75-15-0    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Carbon Tetrachloride              | 56-23-5    | No       | Yes       | Organics      | 7.00E-02                                  | I                               | 4.00E-03        | I       | 1.50E+00                      | 6.01E+01                   | 1.50E+00                |
| Carbonyl Sulfide                  | 463-58-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Carbosulfan                       | 55285-14-8 | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Carboxin                          | 5234-68-4  | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Catechol                          | 120-80-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ceric oxide                       | 1306-38-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |

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| Chemical                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Cerium, Stable                         | 7440-45-1  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloral                                | 75-87-6    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloral Hydrate                        | 302-17-0   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Chloramben                             | 133-90-4   | No       | No        | Organics      | -                                         |                                 | 1.50E-02        | I       | -                             | 2.26E+02                   | 2.26E+02                |
| Chloramine                             | 127-65-1   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloramines, Organic                   | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloranil                              | 118-75-2   | No       | No        | Organics      | 4.03E-01                                  | H                               | -               |         | 2.61E-01                      | -                          | 2.61E-01                |
| Chlorate (ClO3) as                     | 14866-68-3 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlordane (alpha)                      | 5103-71-9  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | G       | -                             | 7.52E+00                   | 7.52E+00                |
| Chlordane (gamma)                      | 5103-74-2  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | G       | -                             | 7.52E+00                   | 7.52E+00                |
| Chlordane (technical mixture)          | 12789-03-6 | No       | Yes       | Organics      | 3.50E-01                                  | I                               | 5.00E-04        | I       | 3.01E-01                      | 7.52E+00                   | 3.01E-01                |
| Chlordecone (Kepone)                   | 143-50-0   | No       | No        | Organics      | 1.00E+01                                  | I                               | 3.00E-04        | I       | 1.05E-02                      | 4.51E+00                   | 1.05E-02                |
| Chlorfenvinphos                        | 470-90-6   | No       | No        | Organics      | -                                         |                                 | 7.00E-04        | A       | -                             | 1.05E+01                   | 1.05E+01                |
| Chloride                               | 16887-00-6 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorimuron, Ethyl-                    | 90982-32-4 | No       | No        | Organics      | -                                         |                                 | 9.00E-02        | O       | -                             | 1.35E+03                   | 1.35E+03                |
| Chlorinated Hydrocarbons (total)       | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorine                               | 7782-50-5  | No       | Yes       | Inorganics    | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Chlorine Dioxide                       | 10049-04-4 | No       | Yes       | Inorganics    | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Chlorite                               | 14998-27-7 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorite (Sodium Salt)                 | 7758-19-2  | No       | No        | Inorganics    | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Chloro-1,1-difluoroethane, 1-          | 75-68-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloro-1,3-butadiene, 2- (Chloroprene) | 126-99-8   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | H       | -                             | 3.01E+02                   | 3.01E+02                |
| Chloro-2-methylaniline HCl, 4-         | 3165-93-3  | No       | No        | Organics      | 4.60E-01                                  | H                               | -               |         | 2.29E-01                      | -                          | 2.29E-01                |
| Chloro-2-methylaniline, 4-             | 95-69-2    | No       | No        | Organics      | 1.00E-01                                  | P                               | 3.00E-03        | X       | 1.05E+00                      | 4.51E+01                   | 1.05E+00                |
| Chloro-2-methylphenol, 4-              | 1570-64-5  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloro-4-methylphenol                  | 35421-08-0 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloro-6-fluorophenol, 2-              | 2040-90-6  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroacetaldehyde, 2-                 | 107-20-0   | No       | Yes       | Organics      | 2.70E-01                                  | X                               | -               |         | 3.90E-01                      | -                          | 3.90E-01                |
| Chloroacetamide                        | 79-07-2    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroacetic Acid                      | 79-11-8    | No       | No        | Organics      | -                                         |                                 | 3.50E-03        | C       | -                             | 5.26E+01                   | 5.26E+01                |
| Chloroacetophenone, 2-                 | 532-27-4   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroaniline                          | 27134-26-5 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroaniline, 3-                      | 108-42-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroaniline, p-                      | 106-47-8   | No       | No        | Organics      | 2.00E-01                                  | P                               | 5.00E-04        | P       | 5.26E-01                      | 7.52E+00                   | 5.26E-01                |
| Chlorobenzene                          | 108-90-7   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Chlorobenzene sulfonic acid, p-        | 98-66-8    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | X       | -                             | 1.50E+03                   | 1.50E+03                |
| Chlorobenzilate                        | 510-15-6   | No       | No        | Organics      | 1.10E-01                                  | C                               | 2.00E-02        | I       | 9.57E-01                      | 3.01E+02                   | 9.57E-01                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Chlorobenzoic Acid, 2-             | 118-91-2   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorobenzoic Acid, p-             | 74-11-3    | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | X       | -                             | 4.51E+02                   | 4.51E+02                |
| Chlorobenzotrifluoride, 3-nitro-4- | 121-17-5   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorobenzotrifluoride, 4-         | 98-56-6    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-03        | P       | -                             | 4.51E+01                   | 4.51E+01                |
| Chlorobiphenyl, p-                 | 2051-62-9  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorobutane, 1-                   | 109-69-3   | No       | Yes       | Organics      | -                                         |                                 | 4.00E-02        | P       | -                             | 6.01E+02                   | 6.01E+02                |
| Chlorobutane, 2-                   | 78-86-4    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorocyclopentadiene              | 41851-50-7 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorodibromoethane                | 73506-94-2 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorodifluoromethane              | 75-45-6    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroethanol, 2-                  | 107-07-3   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Chloroethylvinyl ether, 2-         | 110-75-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloroform                         | 67-66-3    | No       | Yes       | Organics      | 3.10E-02                                  | C                               | 1.00E-02        | I       | 3.40E+00                      | 1.50E+02                   | 3.40E+00                |
| Chloromethane                      | 74-87-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloromethyl Methyl Ether          | 107-30-2   | No       | Yes       | Organics      | 2.40E+00                                  | C                               | -               |         | 4.39E-02                      | -                          | 4.39E-02                |
| Chloronaphthalene, Beta-           | 91-58-7    | No       | Yes       | Organics      | -                                         |                                 | 8.00E-02        | I       | -                             | 1.20E+03                   | 1.20E+03                |
| Chloronaphthalene, alpha-          | 90-13-1    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloronitrobenzene, o-             | 88-73-3    | No       | No        | Organics      | 3.00E-01                                  | P                               | 3.00E-03        | P       | 3.51E-01                      | 4.51E+01                   | 3.51E-01                |
| Chloronitrobenzene, p-             | 100-00-5   | No       | No        | Organics      | 6.00E-02                                  | P                               | 7.00E-04        | P       | 1.75E+00                      | 1.05E+01                   | 1.75E+00                |
| Chlorooctadecane, 1-               | 3386-33-2  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorophenol, 2-                   | 95-57-8    | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Chlorophenol, 3-                   | 108-43-0   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorophenol, 4-                   | 106-48-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorophenyl Methyl Sulfide, p-    | 123-09-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorophenyl Methyl Sulfoxide      | 934-73-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorophenyl phenyl ether, 4-      | 7005-72-3  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloropicrin                       | 76-06-2    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chloropropane, 2-                  | 75-29-6    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chlorothalonil                     | 1897-45-6  | No       | No        | Organics      | 1.70E-02                                  | C                               | 1.50E-02        | I       | 6.19E+00                      | 2.26E+02                   | 6.19E+00                |
| Chlorotoluene, o-                  | 95-49-8    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Chlorotoluene, p-                  | 106-43-4   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | X       | -                             | 3.01E+02                   | 3.01E+02                |
| Chlorozotocin                      | 54749-90-5 | No       | No        | Organics      | 2.40E+02                                  | C                               | -               |         | 4.39E-04                      | -                          | 4.39E-04                |
| Chlorpropham                       | 101-21-3   | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | O       | -                             | 7.52E+01                   | 7.52E+01                |
| Chlorpyrifos                       | 2921-88-2  | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | A       | -                             | 1.50E+01                   | 1.50E+01                |
| Chlorpyrifos Methyl                | 5598-13-0  | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | H       | -                             | 1.50E+02                   | 1.50E+02                |
| Chlorsulfuron                      | 64902-72-3 | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | O       | -                             | 7.52E+02                   | 7.52E+02                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Chlorthal-dimethyl                                      | 1861-32-1  | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Chlorthiophos                                           | 60238-56-4 | No       | No        | Organics      | -                                         |                                 | 8.00E-04        | H       | -                             | 1.20E+01                   | 1.20E+01                |
| Chromium(III), Insoluble Salts                          | 16065-83-1 | No       | No        | Inorganics    | -                                         |                                 | 1.50E+00        | I       | -                             | 2.26E+04                   | 2.26E+04                |
| Chromium(VI)                                            | 18540-29-9 | Yes      | No        | Inorganics    | 5.00E-01                                  | C                               | 3.00E-03        | I       | 2.11E-01                      | 4.51E+01                   | 2.11E-01                |
| Chromium, Total                                         | 7440-47-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Chrysene                                                | 218-01-9   | Yes      | No        | Organics      | 1.00E-03                                  | E                               | -               |         | 1.05E+02                      | -                          | 1.05E+02                |
| Clofentezine                                            | 74115-24-5 | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |
| Cobalt                                                  | 7440-48-4  | No       | No        | Inorganics    | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Complex Mixtures of Aliphatic and Aromatic Hydrocarbons | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Copper                                                  | 7440-50-8  | No       | No        | Inorganics    | -                                         |                                 | 4.00E-02        | H       | -                             | 6.01E+02                   | 6.01E+02                |
| Copper Cyanide                                          | 544-92-3   | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Coronene                                                | 191-07-1   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Creosote                                                | 8001-58-9  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cresol, m-                                              | 108-39-4   | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Cresol, o-                                              | 95-48-7    | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Cresol, p-                                              | 106-44-5   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Cresol, p-chloro-m-                                     | 59-50-7    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | A       | -                             | 1.50E+03                   | 1.50E+03                |
| Cresols                                                 | 1319-77-3  | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | A       | -                             | 1.50E+03                   | 1.50E+03                |
| Crotonaldehyde                                          | 4170-30-3  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Crotonaldehyde, trans-                                  | 123-73-9   | No       | Yes       | Organics      | 1.90E+00                                  | H                               | 1.00E-03        | P       | 5.54E-02                      | 1.50E+01                   | 5.54E-02                |
| Cumene                                                  | 98-82-8    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Cupferron                                               | 135-20-6   | No       | No        | Organics      | 2.20E-01                                  | C                               | -               |         | 4.78E-01                      | -                          | 4.78E-01                |
| Cyanazine                                               | 21725-46-2 | No       | No        | Organics      | 8.40E-01                                  | H                               | 2.00E-03        | H       | 1.25E-01                      | 3.01E+01                   | 1.25E-01                |
| Cyanide (CN-)                                           | 57-12-5    | No       | Yes       | Inorganics    | -                                         |                                 | 6.00E-04        | I       | -                             | 9.02E+00                   | 9.02E+00                |
| Cyanogen                                                | 460-19-5   | No       | Yes       | Inorganics    | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Cyanogen Bromide                                        | 506-68-3   | No       | Yes       | Inorganics    | -                                         |                                 | 9.00E-02        | I       | -                             | 1.35E+03                   | 1.35E+03                |
| Cyanogen Chloride                                       | 506-77-4   | No       | Yes       | Inorganics    | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Cyclohexane                                             | 110-82-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-             | 87-84-3    | No       | No        | Organics      | 2.00E-02                                  | X                               | 2.00E-02        | X       | 5.26E+00                      | 3.01E+02                   | 5.26E+00                |
| Cyclohexanone                                           | 108-94-1   | No       | Yes       | Organics      | -                                         |                                 | 5.00E+00        | I       | -                             | 7.52E+04                   | 7.52E+04                |
| Cyclohexene                                             | 110-83-8   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | P       | -                             | 7.52E+01                   | 7.52E+01                |
| Cyclohexylamine                                         | 108-91-8   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Cyclopentadiene                                         | 542-92-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cyfluthrin                                              | 68359-37-5 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Cyhalothrin                                             | 68085-85-8 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cypermethrin                                            | 52315-07-8 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Cyromazine                                              | 66215-27-8 | No       | No        | Organics      | -                                         |                                 | 5.00E-01        | O       | -                             | 7.52E+03                   | 7.52E+03                |

Attachment D2. Site-Specific Screening Levels for Youth Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                     | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| DDD, o,p'-                                                   | 53-19-0    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| DDT, o,p'-                                                   | 789-02-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| DDT/DDE/DDD (total)                                          | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dalapon                                                      | 75-99-0    | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Daminozide                                                   | 1596-84-5  | No       | No        | Organics      | 1.80E-02                                  | C                               | 1.50E-01        | I       | 5.85E+00                      | 2.26E+03                   | 5.85E+00                |
| Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5  | No       | No        | Organics      | 7.00E-04                                  | I                               | 7.00E-03        | I       | 1.50E+02                      | 1.05E+02                   | 1.05E+02                |
| Decane                                                       | 124-18-5   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Decanol, n-                                                  | 112-30-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Deltamethrin                                                 | 52918-63-5 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Demeton                                                      | 8065-48-3  | No       | No        | Organics      | -                                         |                                 | 4.00E-05        | I       | -                             | 6.01E-01                   | 6.01E-01                |
| Di(2-ethylhexyl)adipate                                      | 103-23-1   | No       | No        | Organics      | 1.20E-03                                  | I                               | 6.00E-01        | I       | 8.77E+01                      | 9.02E+03                   | 8.77E+01                |
| Di-n-butyltin bis(2-ethylhexanoate)                          | 2781-10-4  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Di-n-butyltin bis(methyl maleate)                            | 15546-11-9 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Di-n-butyltin bis(n-butyl maleate)                           | 15546-16-4 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Di-n-butyltin dilaurate                                      | 77-58-7    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Di-n-butyltin distearate                                     | 5847-55-2  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Di-n-hexylphthalate                                          | 84-75-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diallate                                                     | 2303-16-4  | No       | No        | Organics      | 6.10E-02                                  | H                               | -               |         | 1.73E+00                      | -                          | 1.73E+00                |
| Diammonium phosphate                                         | 7783-28-0  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diazinon                                                     | 333-41-5   | No       | No        | Organics      | -                                         |                                 | 7.00E-04        | A       | -                             | 1.05E+01                   | 1.05E+01                |
| Dibenz[a,h]anthracene                                        | 53-70-3    | Yes      | No        | Organics      | 1.00E+00                                  | E                               | -               |         | 1.05E-01                      | -                          | 1.05E-01                |
| Dibenzo(a,e)pyrene                                           | 192-65-4   | No       | No        | Organics      | 1.20E+01                                  | C                               | -               |         | 8.77E-03                      | -                          | 8.77E-03                |
| Dibenzofuran                                                 | 132-64-9   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | X       | -                             | 1.50E+01                   | 1.50E+01                |
| Dibenzothiophene                                             | 132-65-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibromo-3-chloropropane, 1,2-                                | 96-12-8    | Yes      | Yes       | Organics      | 8.00E-01                                  | P                               | 2.00E-04        | P       | 1.32E-01                      | 3.01E+00                   | 1.32E-01                |
| Dibromoacetic acid                                           | 631-64-1   | No       | No        | Organics      | 2.50E-01                                  | C                               | 3.00E-04        | C       | 4.21E-01                      | 4.51E+00                   | 4.21E-01                |
| Dibromobenzene, 1,3-                                         | 108-36-1   | No       | Yes       | Organics      | -                                         |                                 | 4.00E-04        | X       | -                             | 6.01E+00                   | 6.01E+00                |
| Dibromobenzene, 1,4-                                         | 106-37-6   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Dibromochloromethane                                         | 124-48-1   | No       | Yes       | Organics      | 8.40E-02                                  | I                               | 2.00E-02        | I       | 1.25E+00                      | 3.01E+02                   | 1.25E+00                |
| Dibromodichloromethane                                       | 594-18-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibromodiphenyl Ether, p,p'-                                 | 2050-47-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibromoethane, 1,2-                                          | 106-93-4   | No       | Yes       | Organics      | 2.00E+00                                  | I                               | 9.00E-03        | I       | 5.26E-02                      | 1.35E+02                   | 5.26E-02                |
| Dibromomethane (Methylene Bromide)                           | 74-95-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutoxy di-n-butyltin                                       | 3349-36-8  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutyl Phthalate                                            | 84-74-2    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Dibutylbis((1-oxoisooctyl)oxy)stannane                       | 85702-74-5 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutylbis(octadeca-9(Z),12(Z),15(Z)-trienoyloxy)stannane    | 95873-60-2 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dibutylbis(octadeca-9(Z),12(Z)-dienoyloxy)stannane | 85391-79-3 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutylbis(palmitoyloxy)stannane                   | 13323-63-2 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutyltin Compounds                               | NA         | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Dibutyltin diacetate                               | 1067-33-0  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutyltin dichloride                              | 683-18-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dibutyltin oxide                                   | 818-08-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dicalcium phosphate                                | 7757-93-9  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dicamba                                            | 1918-00-9  | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Dichloramine                                       | 3400-09-7  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, 1,4-                            | 764-41-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, cis-1,4-                        | 1476-11-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloro-2-butene, trans-1,4-                      | 110-57-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloroacetic Acid                                | 79-43-6    | No       | No        | Organics      | 5.00E-02                                  | I                               | 4.00E-03        | I       | 2.11E+00                      | 6.01E+01                   | 2.11E+00                |
| Dichloroaniline, 2,4-                              | 554-00-7   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloroaniline, 3,4-                              | 95-76-1    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorobenzene                                    | 25321-22-6 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorobenzene, 1,2-                              | 95-50-1    | No       | Yes       | Organics      | -                                         |                                 | 9.00E-02        | I       | -                             | 1.35E+03                   | 1.35E+03                |
| Dichlorobenzene, 1,3-                              | 541-73-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorobenzene, 1,4-                              | 106-46-7   | No       | Yes       | Organics      | 5.40E-03                                  | C                               | 7.00E-02        | A       | 1.95E+01                      | 1.05E+03                   | 1.95E+01                |
| Dichlorobenzidine, 3,3'-                           | 91-94-1    | No       | No        | Organics      | 4.50E-01                                  | I                               | -               |         | 2.34E-01                      | -                          | 2.34E-01                |
| Dichlorobenzophenone, 4,4'-                        | 90-98-2    | No       | No        | Organics      | -                                         |                                 | 9.00E-03        | X       | -                             | 1.35E+02                   | 1.35E+02                |
| Dichlorobenzotrifluoride, 3,4-                     | 328-84-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorodifluoromethane                            | 75-71-8    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Dichlorodiisopropyl ether, 2,2'-                   | 39638-32-9 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorodiphenyldichloroethane, p,p` - (DDD)       | 72-54-8    | No       | No        | Organics      | 2.40E-01                                  | I                               | 5.00E-04        | A       | 4.39E-01                      | 7.52E+00                   | 4.39E-01                |
| Dichlorodiphenyldichloroethylene, p,p` - (DDE)     | 72-55-9    | No       | Yes       | Organics      | 3.40E-01                                  | I                               | 5.00E-04        | A       | 3.10E-01                      | 7.52E+00                   | 3.10E-01                |
| Dichlorodiphenyltrichloroethane, p,p` - (DDT)      | 50-29-3    | No       | No        | Organics      | 3.40E-01                                  | I                               | 5.00E-04        | I       | 3.10E-01                      | 7.52E+00                   | 3.10E-01                |
| Dichloroethane, 1,1-                               | 75-34-3    | No       | Yes       | Organics      | 5.70E-03                                  | C                               | 2.00E-01        | P       | 1.85E+01                      | 3.01E+03                   | 1.85E+01                |
| Dichloroethane, 1,2-                               | 107-06-2   | No       | Yes       | Organics      | 9.10E-02                                  | I                               | 6.00E-03        | X       | 1.16E+00                      | 9.02E+01                   | 1.16E+00                |
| Dichloroethylene, 1,1-                             | 75-35-4    | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Dichloroethylene, cis-1,2-                         | 156-59-2   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Dichloroethylene, trans-1,2-                       | 156-60-5   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Dichlorophenol, 2,3-                               | 576-24-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorophenol, 2,4-                               | 120-83-2   | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | I       | -                             | 4.51E+01                   | 4.51E+01                |
| Dichlorophenol, 2,5-                               | 583-78-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorophenol, 2,6-                               | 87-65-0    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorophenol, 3,4-                               | 95-77-2    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                            | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dichlorophenoxy Acetic Acid, 2,4-   | 94-75-7    | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Dichloropropane, 1,2-               | 78-87-5    | No       | Yes       | Organics      | 3.70E-02                                  | P                               | 4.00E-02        | P       | 2.84E+00                      | 6.01E+02                   | 2.84E+00                |
| Dichloropropane, 1,3-               | 142-28-9   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Dichloropropane, 2,2-               | 594-20-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloropropanol, 2,3-              | 616-23-9   | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | I       | -                             | 4.51E+01                   | 4.51E+01                |
| Dichloropropene, 1,1-               | 563-58-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloropropene, 1,3-               | 542-75-6   | No       | Yes       | Organics      | 1.00E-01                                  | I                               | 3.00E-02        | I       | 1.05E+00                      | 4.51E+02                   | 1.05E+00                |
| Dichloropropene, 2,3-               | 78-88-6    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloropropene, cis-1,3-           | 10061-01-5 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichloropropene, trans-1,3-         | 10061-02-6 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dichlorvos                          | 62-73-7    | No       | No        | Organics      | 2.90E-01                                  | I                               | 5.00E-04        | I       | 3.63E-01                      | 7.52E+00                   | 3.63E-01                |
| Dicrotophos                         | 141-66-2   | No       | No        | Organics      | -                                         |                                 | 3.00E-05        | O       | -                             | 4.51E-01                   | 4.51E-01                |
| Dicyclohexylamine                   | 101-83-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dicyclopentadiene                   | 77-73-6    | No       | Yes       | Organics      | -                                         |                                 | 8.00E-02        | P       | -                             | 1.20E+03                   | 1.20E+03                |
| Dieldrin                            | 60-57-1    | No       | No        | Organics      | 1.60E+01                                  | I                               | 5.00E-05        | I       | 6.58E-03                      | 7.52E-01                   | 6.58E-03                |
| Diepoxybutane                       | 1464-53-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethanolamine                      | 111-42-2   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | P       | -                             | 3.01E+01                   | 3.01E+01                |
| Diethyl Phthalate                   | 84-66-2    | No       | No        | Organics      | -                                         |                                 | 8.00E-01        | I       | -                             | 1.20E+04                   | 1.20E+04                |
| Diethyl sulfate                     | 64-67-5    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethyl-meta-Toluamide, N,N (DEET)  | 134-62-3   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethyl-p-nitrophenylphosphate      | 311-45-5   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethylene Glycol Dinitrate (DEGDN) | 693-21-0   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethylene Glycol Monobutyl Ether   | 112-34-5   | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | P       | -                             | 4.51E+02                   | 4.51E+02                |
| Diethylene Glycol Monoethyl Ether   | 111-90-0   | No       | No        | Organics      | -                                         |                                 | 6.00E-02        | P       | -                             | 9.02E+02                   | 9.02E+02                |
| Diethylene-glycol                   | 111-46-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethylformamide                    | 617-84-5   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | P       | -                             | 1.50E+01                   | 1.50E+01                |
| Diethylphosphorodithioate           | 298-06-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diethylstilbestrol                  | 56-53-1    | No       | No        | Organics      | 3.50E+02                                  | C                               | -               |         | 3.01E-04                      | -                          | 3.01E-04                |
| Difenzoquat                         | 43222-48-6 | No       | No        | Organics      | -                                         |                                 | 8.30E-02        | O       | -                             | 1.25E+03                   | 1.25E+03                |
| Diflubenzuron                       | 35367-38-5 | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Difluoroethane, 1,1-                | 75-37-6    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Difluoropropane, 2,2-               | 420-45-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dihydrosafrole                      | 94-58-6    | No       | Yes       | Organics      | 4.40E-02                                  | C                               | -               |         | 2.39E+00                      | -                          | 2.39E+00                |
| Diisopropyl Ether                   | 108-20-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diisopropyl Methylphosphonate       | 1445-75-6  | No       | Yes       | Organics      | -                                         |                                 | 8.00E-02        | I       | -                             | 1.20E+03                   | 1.20E+03                |
| Dimagnesium phosphate               | 7782-75-4  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethipin                          | 55290-64-7 | No       | No        | Organics      | -                                         |                                 | 2.18E-02        | O       | -                             | 3.28E+02                   | 3.28E+02                |

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| Chemical                               | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dimethoate                             | 60-51-5     | No       | No        | Organics      | -                                         |                                 | 2.20E-03        | O       | -                             | 3.31E+01                   | 3.31E+01                |
| Dimethoxybenzidine, 3,3'-              | 119-90-4    | No       | No        | Organics      | 1.60E+00                                  | P                               | -               |         | 6.58E-02                      | -                          | 6.58E-02                |
| Dimethyl Sulfate                       | 77-78-1     | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethyl Sulfide                       | 75-18-3     | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethyl methylphosphonate             | 756-79-6    | No       | No        | Organics      | 1.70E-03                                  | P                               | 6.00E-02        | P       | 6.19E+01                      | 9.02E+02                   | 6.19E+01                |
| Dimethylamino azobenzene [p-]          | 60-11-7     | No       | No        | Organics      | 4.60E+00                                  | C                               | -               |         | 2.29E-02                      | -                          | 2.29E-02                |
| Dimethylaniline HCl, 2,4-              | 21436-96-4  | No       | No        | Organics      | 5.80E-01                                  | H                               | -               |         | 1.81E-01                      | -                          | 1.81E-01                |
| Dimethylaniline, 2,4-                  | 95-68-1     | No       | No        | Organics      | 2.00E-01                                  | P                               | 2.00E-03        | X       | 5.26E-01                      | 3.01E+01                   | 5.26E-01                |
| Dimethylaniline, N,N-                  | 121-69-7    | No       | Yes       | Organics      | 2.70E-02                                  | P                               | 2.00E-03        | I       | 3.90E+00                      | 3.01E+01                   | 3.90E+00                |
| Dimethylbenz(a)anthracene, 7,12-       | 57-97-6     | Yes      | No        | Organics      | 2.50E+02                                  | C                               | -               |         | 4.21E-04                      | -                          | 4.21E-04                |
| Dimethylbenzidine, 3,3'-               | 119-93-7    | No       | No        | Organics      | 1.10E+01                                  | P                               | -               |         | 9.57E-03                      | -                          | 9.57E-03                |
| Dimethylcyclohexylamine, n,n-          | 98-94-2     | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethylethyl Lead                     | 107584-40-7 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethylformamide                      | 68-12-2     | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | P       | -                             | 1.50E+03                   | 1.50E+03                |
| Dimethylhydrazine, 1,1-                | 57-14-7     | No       | Yes       | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Dimethylhydrazine, 1,2-                | 540-73-8    | No       | Yes       | Organics      | 5.50E+02                                  | C                               | -               |         | 1.91E-04                      | -                          | 1.91E-04                |
| Dimethylmercury                        | 593-74-8    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethylphenethylamine                 | 122-09-8    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethylphenol, 2,4-                   | 105-67-9    | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Dimethylphenol, 2,6-                   | 576-26-1    | No       | No        | Organics      | -                                         |                                 | 6.00E-04        | I       | -                             | 9.02E+00                   | 9.02E+00                |
| Dimethylphenol, 3,4-                   | 95-65-8     | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Dimethylphthalate                      | 131-11-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dimethylterephthalate                  | 120-61-6    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Dimethylvinylchloride                  | 513-37-1    | No       | Yes       | Organics      | 4.50E-02                                  | C                               | -               |         | 2.34E+00                      | -                          | 2.34E+00                |
| Dinitro-o-cresol, 4,6-                 | 534-52-1    | No       | No        | Organics      | -                                         |                                 | 8.00E-05        | X       | -                             | 1.20E+00                   | 1.20E+00                |
| Dinitro-o-cyclohexyl Phenol, 4,6-      | 131-89-5    | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Dinitroaniline, 3,5-                   | 618-87-1    | No       | No        | Organics      | -                                         |                                 | 4.00E-04        | X       | -                             | 6.01E+00                   | 6.01E+00                |
| Dinitrobenzene, 1,2-                   | 528-29-0    | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | P       | -                             | 1.50E+00                   | 1.50E+00                |
| Dinitrobenzene, 1,3-                   | 99-65-0     | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | I       | -                             | 1.50E+00                   | 1.50E+00                |
| Dinitrobenzene, 1,4-                   | 100-25-4    | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | P       | -                             | 1.50E+00                   | 1.50E+00                |
| Dinitrophenol, 2,4-                    | 51-28-5     | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Dinitrophenols                         | 25550-58-7  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrosopentamethylenetetramine, N,N- | 101-25-7    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrotoluene Mixture, 2,4/2,6-       | NA          | No       | No        | Organics      | 6.80E-01                                  | I                               | -               |         | 1.55E-01                      | -                          | 1.55E-01                |
| Dinitrotoluene, 2,3-                   | 602-01-7    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 2,4-                   | 121-14-2    | No       | No        | Organics      | 3.10E-01                                  | C                               | 2.00E-03        | I       | 3.40E-01                      | 3.01E+01                   | 3.40E-01                |

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| Chemical                        | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Dinitrotoluene, 2,5-            | 619-15-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 2,6-            | 606-20-2   | No       | No        | Organics      | 1.50E+00                                  | P                               | 3.00E-04        | X       | 7.02E-02                      | 4.51E+00                   | 7.02E-02                |
| Dinitrotoluene, 2-Amino-4,6-    | 35572-78-2 | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Dinitrotoluene, 3,4-            | 610-39-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 3,5-            | 618-85-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Dinitrotoluene, 4-Amino-2,6-    | 19406-51-0 | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Dinitrotoluene, Technical grade | 25321-14-6 | No       | No        | Organics      | 4.50E-01                                  | X                               | 9.00E-04        | X       | 2.34E-01                      | 1.35E+01                   | 2.34E-01                |
| Dinoseb                         | 88-85-7    | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Dioxane, 1,4-                   | 123-91-1   | No       | Yes       | Organics      | 1.00E-01                                  | I                               | 3.00E-02        | I       | 1.05E+00                      | 4.51E+02                   | 1.05E+00                |
| Diphenamid                      | 957-51-7   | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Diphenyl Ether                  | 101-84-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diphenyl Sulfone                | 127-63-9   | No       | No        | Organics      | -                                         |                                 | 8.00E-04        | X       | -                             | 1.20E+01                   | 1.20E+01                |
| Diphenylamine                   | 122-39-4   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | O       | -                             | 1.50E+03                   | 1.50E+03                |
| Diphenylhydrazine, 1,2-         | 122-66-7   | No       | No        | Organics      | 8.00E-01                                  | I                               | -               |         | 1.32E-01                      | -                          | 1.32E-01                |
| Dipotassium phosphate           | 7758-11-4  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Diquat                          | 2764-72-9  | No       | No        | Organics      | -                                         |                                 | 2.20E-03        | I       | -                             | 3.31E+01                   | 3.31E+01                |
| Direct Black 38                 | 1937-37-7  | No       | No        | Organics      | 7.40E+00                                  | C                               | -               |         | 1.42E-02                      | -                          | 1.42E-02                |
| Direct Blue 6                   | 2602-46-2  | No       | No        | Organics      | 7.40E+00                                  | C                               | -               |         | 1.42E-02                      | -                          | 1.42E-02                |
| Direct Brown 95                 | 16071-86-6 | No       | No        | Organics      | 6.70E+00                                  | C                               | -               |         | 1.57E-02                      | -                          | 1.57E-02                |
| Direct Sky Blue                 | 2610-05-1  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Disodium phosphate              | 7558-79-4  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Disulfoton                      | 298-04-4   | No       | No        | Organics      | -                                         |                                 | 4.00E-05        | I       | -                             | 6.01E-01                   | 6.01E-01                |
| Dithiane, 1,4-                  | 505-29-3   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Diundecyl Phthalate             | 3648-20-2  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Diuron                          | 330-54-1   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Dodine                          | 2439-10-3  | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | O       | -                             | 3.01E+02                   | 3.01E+02                |
| EPTC                            | 759-94-4   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | O       | -                             | 7.52E+02                   | 7.52E+02                |
| Endosulfan                      | 115-29-7   | No       | Yes       | Organics      | -                                         |                                 | 6.00E-03        | I       | -                             | 9.02E+01                   | 9.02E+01                |
| Endosulfan I                    | 959-98-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Endosulfan II                   | 33213-65-9 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Endosulfan Sulfate              | 1031-07-8  | No       | No        | Organics      | -                                         |                                 | 6.00E-03        | P       | -                             | 9.02E+01                   | 9.02E+01                |
| Endothall                       | 145-73-3   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Endrin                          | 72-20-8    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Endrin aldehyde                 | 7421-93-4  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Endrin ketone                   | 53494-70-5 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Epichlorohydrin                 | 106-89-8   | No       | Yes       | Organics      | 9.90E-03                                  | I                               | 6.00E-03        | P       | 1.06E+01                      | 9.02E+01                   | 1.06E+01                |

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| Chemical                          | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Epoxybutane, 1,2-                 | 106-88-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethanol                           | 64-17-5    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethanol, 2-(2-methoxyethoxy)-     | 111-77-3   | No       | No        | Organics      | -                                         |                                 | 4.00E-02        | P       | -                             | 6.01E+02                   | 6.01E+02                |
| Ethephon                          | 16672-87-0 | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Ethion                            | 563-12-2   | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Ethoxy Propanol                   | 52125-53-8 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethoxyethanol Acetate, 2-         | 111-15-9   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | P       | -                             | 1.50E+03                   | 1.50E+03                |
| Ethoxyethanol, 2-                 | 110-80-5   | No       | Yes       | Organics      | -                                         |                                 | 9.00E-02        | P       | -                             | 1.35E+03                   | 1.35E+03                |
| Ethyl Acetate                     | 141-78-6   | No       | Yes       | Organics      | -                                         |                                 | 7.00E-01        | P       | -                             | 1.05E+04                   | 1.05E+04                |
| Ethyl Acrylate                    | 140-88-5   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | P       | -                             | 7.52E+01                   | 7.52E+01                |
| Ethyl Chloride                    | 75-00-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethyl Ether                       | 60-29-7    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Ethyl Methacrylate                | 97-63-2    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethyl Tertiary Butyl Ether (ETBE) | 637-92-3   | No       | Yes       | Organics      | -                                         |                                 | 1.00E+00        | I       | -                             | 1.50E+04                   | 1.50E+04                |
| Ethyl methane sulfonate           | 62-50-0    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethyl-p-nitrophenyl Phosphonate   | 2104-64-5  | No       | No        | Organics      | -                                         |                                 | 1.00E-05        | I       | -                             | 1.50E-01                   | 1.50E-01                |
| Ethylbenzene                      | 100-41-4   | No       | Yes       | Organics      | 1.10E-02                                  | C                               | 5.00E-02        | P       | 9.57E+00                      | 7.52E+02                   | 9.57E+00                |
| Ethylene Cyanohydrin              | 109-78-4   | No       | No        | Organics      | -                                         |                                 | 7.00E-02        | P       | -                             | 1.05E+03                   | 1.05E+03                |
| Ethylene Diamine                  | 107-15-3   | No       | Yes       | Organics      | -                                         |                                 | 9.00E-02        | P       | -                             | 1.35E+03                   | 1.35E+03                |
| Ethylene Glycol                   | 107-21-1   | No       | No        | Organics      | -                                         |                                 | 8.00E-01        | A       | -                             | 1.20E+04                   | 1.20E+04                |
| Ethylene Glycol Monobutyl Ether   | 111-76-2   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Ethylene Oxide                    | 75-21-8    | Yes      | Yes       | Organics      | 3.10E-01                                  | C                               | -               |         | 3.40E-01                      | -                          | 3.40E-01                |
| Ethylene Thiourea                 | 96-45-7    | No       | No        | Organics      | 4.50E-02                                  | C                               | 8.00E-05        | I       | 2.34E+00                      | 1.20E+00                   | 1.20E+00                |
| Ethyleneimine                     | 151-56-4   | No       | Yes       | Organics      | 6.50E+01                                  | C                               | -               |         | 1.62E-03                      | -                          | 1.62E-03                |
| Ethylhexyl acrylate, 2-           | 103-11-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethylphenol, 4-                   | 123-07-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ethylphthalyl Ethyl Glycolate     | 84-72-0    | No       | No        | Organics      | -                                         |                                 | 3.00E+00        | I       | -                             | 4.51E+04                   | 4.51E+04                |
| Famphur                           | 52-85-7    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Fenamiphos                        | 22224-92-6 | No       | No        | Organics      | -                                         |                                 | 2.50E-04        | I       | -                             | 3.76E+00                   | 3.76E+00                |
| Fenpropathrin                     | 39515-41-8 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Fenvalerate                       | 51630-58-1 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Fluometuron                       | 2164-17-2  | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |
| Fluoranthene                      | 206-44-0   | No       | No        | Organics      | -                                         |                                 | 4.00E-02        | I       | -                             | 6.01E+02                   | 6.01E+02                |
| Fluorene                          | 86-73-7    | No       | Yes       | Organics      | -                                         |                                 | 4.00E-02        | I       | -                             | 6.01E+02                   | 6.01E+02                |
| Fluoride                          | 16984-48-8 | No       | No        | Inorganics    | -                                         |                                 | 4.00E-02        | C       | -                             | 6.01E+02                   | 6.01E+02                |
| Fluorine (Soluble Fluoride)       | 7782-41-4  | No       | No        | Inorganics    | -                                         |                                 | 6.00E-02        | I       | -                             | 9.02E+02                   | 9.02E+02                |
| Fluorobenzene                     | 462-06-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

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| Chemical                                         | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Fluorobiphenyl, 2-                               | 321-60-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Fluorophenol, 2-                                 | 367-12-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Fluridone                                        | 59756-60-4 | No       | No        | Organics      | -                                         |                                 | 8.00E-02        | I       | -                             | 1.20E+03                   | 1.20E+03                |
| Flurprimidol                                     | 56425-91-3 | No       | No        | Organics      | -                                         |                                 | 4.00E-02        | O       | -                             | 6.01E+02                   | 6.01E+02                |
| Flusilazole                                      | 85509-19-9 | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | O       | -                             | 3.01E+01                   | 3.01E+01                |
| Flutolanil                                       | 66332-96-5 | No       | No        | Organics      | -                                         |                                 | 5.00E-01        | O       | -                             | 7.52E+03                   | 7.52E+03                |
| Fluvalinate                                      | 69409-94-5 | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Folpet                                           | 133-07-3   | No       | No        | Organics      | -                                         |                                 | 9.00E-02        | O       | -                             | 1.35E+03                   | 1.35E+03                |
| Fomesafen                                        | 72178-02-0 | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | O       | -                             | 1.50E+02                   | 1.50E+02                |
| Fonofos                                          | 944-22-9   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Formaldehyde                                     | 50-00-0    | No       | Yes       | Organics      | 2.10E-02                                  | C                               | 2.00E-01        | I       | 5.01E+00                      | 3.01E+03                   | 5.01E+00                |
| Formic Acid                                      | 64-18-6    | No       | Yes       | Organics      | -                                         |                                 | 9.00E-01        | P       | -                             | 1.35E+04                   | 1.35E+04                |
| Fosetyl-AL                                       | 39148-24-8 | No       | No        | Organics      | -                                         |                                 | 2.50E+00        | O       | -                             | 3.76E+04                   | 3.76E+04                |
| Fuel Oil Number 2                                | 68476-30-2 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Furan                                            | 110-00-9   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Furazolidone                                     | 67-45-8    | No       | No        | Organics      | 3.80E+00                                  | H                               | -               |         | 2.77E-02                      | -                          | 2.77E-02                |
| Furfural                                         | 98-01-1    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-03        | I       | -                             | 4.51E+01                   | 4.51E+01                |
| Furium                                           | 531-82-8   | No       | No        | Organics      | 1.50E+00                                  | C                               | -               |         | 7.02E-02                      | -                          | 7.02E-02                |
| Furmecyclox                                      | 60568-05-0 | No       | No        | Organics      | 3.00E-02                                  | I                               | -               |         | 3.51E+00                      | -                          | 3.51E+00                |
| Gadolinium                                       | 7440-54-2  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Gallium                                          | 7440-55-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Germanium                                        | 7440-56-4  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Glufosinate, Ammonium                            | 77182-82-2 | No       | No        | Organics      | -                                         |                                 | 6.00E-03        | O       | -                             | 9.02E+01                   | 9.02E+01                |
| Glutaraldehyde                                   | 111-30-8   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | A       | -                             | 1.50E+03                   | 1.50E+03                |
| Glycerol                                         | 56-81-5    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Glycidaldehyde                                   | 765-34-4   | No       | Yes       | Organics      | -                                         |                                 | 4.00E-04        | I       | -                             | 6.01E+00                   | 6.01E+00                |
| Glyphosate                                       | 1071-83-6  | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Guanidine                                        | 113-00-8   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Guanidine Chloride                               | 50-01-1    | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Guanidine Nitrate                                | 506-93-4   | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | X       | -                             | 4.51E+02                   | 4.51E+02                |
| Haloacetic acids                                 | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Haloxypop, Methyl                                | 69806-40-2 | No       | No        | Organics      | -                                         |                                 | 5.00E-05        | I       | -                             | 7.52E-01                   | 7.52E-01                |
| Heptachlor                                       | 76-44-8    | No       | Yes       | Organics      | 4.50E+00                                  | I                               | 1.00E-04        | A       | 2.34E-02                      | 1.50E+00                   | 2.34E-02                |
| Heptachlor Epoxide                               | 1024-57-3  | No       | Yes       | Organics      | 9.10E+00                                  | I                               | 1.30E-05        | I       | 1.16E-02                      | 1.95E-01                   | 1.16E-02                |
| Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Heptachlorodibenzofuran, 1,2,3,4,6,7,8-          | 67562-39-4 | No       | Yes       | Organics      | 1.30E+03                                  | W                               | 7.00E-08        | W       | 8.10E-05                      | 1.05E-03                   | 8.10E-05                |
| Heptanal, n-                                     | 111-71-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Heptane, N-                                        | 142-82-5   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| Heptanol, n-                                       | 111-70-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexabromobenzene                                   | 87-82-1    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | No       | No        | Organics      | -                                         |                                 | 2.00E-04        | I       | -                             | 3.01E+00                   | 3.01E+00                |
| Hexachlorobenzene                                  | 118-74-1   | No       | Yes       | Organics      | 1.60E+00                                  | I                               | 1.00E-05        | P       | 6.58E-02                      | 1.50E-01                   | 6.58E-02                |
| Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)      | 52663-72-6 | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)      | 69782-90-7 | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)       | 38380-08-4 | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)      | 32774-16-6 | No       | Yes       | Organics      | 3.90E+03                                  | W                               | 2.33E-08        | W       | 2.70E-05                      | 3.51E-04                   | 2.70E-05                |
| Hexachlorobutadiene                                | 87-68-3    | No       | Yes       | Organics      | 7.80E-02                                  | I                               | 1.00E-03        | P       | 1.35E+00                      | 1.50E+01                   | 1.35E+00                |
| Hexachlorocyclohexane, Alpha-                      | 319-84-6   | No       | No        | Organics      | 6.30E+00                                  | I                               | -               |         | 1.67E-02                      | -                          | 1.67E-02                |
| Hexachlorocyclohexane, Beta-                       | 319-85-7   | No       | No        | Organics      | 1.80E+00                                  | I                               | -               |         | 5.85E-02                      | -                          | 5.85E-02                |
| Hexachlorocyclohexane, Delta-                      | 319-86-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexachlorocyclohexane, Epsilon                     | 6108-10-7  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexachlorocyclohexane, Gamma- (Lindane)            | 58-89-9    | No       | No        | Organics      | 1.10E+00                                  | C                               | 3.00E-04        | I       | 9.57E-02                      | 4.51E+00                   | 9.57E-02                |
| Hexachlorocyclohexane, Technical                   | 608-73-1   | No       | No        | Organics      | 1.80E+00                                  | I                               | -               |         | 5.85E-02                      | -                          | 5.85E-02                |
| Hexachlorocyclopentadiene                          | 77-47-4    | No       | Yes       | Organics      | -                                         |                                 | 6.00E-03        | I       | -                             | 9.02E+01                   | 9.02E+01                |
| Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-           | 39227-28-6 | No       | No        | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| Hexachlorodibenzo-p-dioxin, Mixture                | 34465-46-8 | No       | No        | Organics      | 6.20E+03                                  | I                               | -               |         | 1.70E-05                      | -                          | 1.70E-05                |
| Hexachlorodibenzofuran, 1,2,3,4,7,8-               | 70648-26-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| Hexachloroethane                                   | 67-72-1    | No       | Yes       | Organics      | 4.00E-02                                  | I                               | 7.00E-04        | I       | 2.63E+00                      | 1.05E+01                   | 2.63E+00                |
| Hexachlorophene                                    | 70-30-4    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Hexachloropropene                                  | 1888-71-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexadecanoic Acid                                  | 57-10-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)     | 13252-13-6 | No       | Yes       | Organics      | -                                         |                                 | 3.00E-06        | D       | -                             | 4.51E-02                   | 4.51E-02                |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)      | 121-82-4   | No       | No        | Organics      | 8.00E-02                                  | I                               | 4.00E-03        | I       | 1.32E+00                      | 6.01E+01                   | 1.32E+00                |
| Hexamethylene Diisocyanate, 1,6-                   | 822-06-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexamethylene diisocyanate biuret                  | 4035-89-6  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexamethylene diisocyanate isocyanurate            | 3779-63-3  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexamethylphosphoramide                            | 680-31-9   | No       | No        | Organics      | -                                         |                                 | 4.00E-04        | P       | -                             | 6.01E+00                   | 6.01E+00                |
| Hexane, Commercial                                 | NA         | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexane, N-                                         | 110-54-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hexanedioic Acid                                   | 124-04-9   | No       | No        | Organics      | -                                         |                                 | 2.00E+00        | P       | -                             | 3.01E+04                   | 3.01E+04                |
| Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)           | 104-76-7   | No       | Yes       | Organics      | 9.50E-03                                  | P                               | 7.00E-02        | P       | 1.11E+01                      | 1.05E+03                   | 1.11E+01                |
| Hexanol, n-                                        | 111-27-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

Attachment D2. Site-Specific Screening Levels for Youth Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia  
[Site-specific](#)

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Hexanone, 2-                       | 591-78-6   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Hexazinone                         | 51235-04-2 | No       | No        | Organics      | -                                         |                                 | 3.30E-02        | I       | -                             | 4.96E+02                   | 4.96E+02                |
| Hexythiazox                        | 78587-05-0 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| HpCDD, 1,2,3,4,6,7,8,-             | 35822-46-9 | No       | Yes       | Organics      | 1.30E+03                                  | W                               | 7.00E-08        | W       | 8.10E-05                      | 1.05E-03                   | 8.10E-05                |
| HpCDF, 1,2,3,4,7,8,9-              | 55673-89-7 | No       | Yes       | Organics      | 1.30E+03                                  | W                               | 7.00E-08        | W       | 8.10E-05                      | 1.05E-03                   | 8.10E-05                |
| HxCDD, 1,2,3,6,7,8-                | 57653-85-7 | No       | No        | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| HxCDD, 1,2,3,7,8,9-                | 19408-74-3 | No       | No        | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| HxCDF, 1,2,3,6,7,8-                | 57117-44-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| HxCDF, 1,2,3,7,8,9-                | 72918-21-9 | No       | No        | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| HxCDF, 2,3,4,6,7,8-                | 60851-34-5 | No       | No        | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| Hydramethylnon                     | 67485-29-4 | No       | No        | Organics      | -                                         |                                 | 1.70E-02        | O       | -                             | 2.56E+02                   | 2.56E+02                |
| Hydrazine                          | 302-01-2   | No       | Yes       | Inorganics    | 3.00E+00                                  | I                               | -               |         | 3.51E-02                      | -                          | 3.51E-02                |
| Hydrazine Sulfate                  | 10034-93-2 | No       | No        | Inorganics    | 3.00E+00                                  | I                               | -               |         | 3.51E-02                      | -                          | 3.51E-02                |
| Hydrogen Chloride                  | 7647-01-0  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hydrogen Cyanide                   | 74-90-8    | No       | Yes       | Inorganics    | -                                         |                                 | 6.00E-04        | I       | -                             | 9.02E+00                   | 9.02E+00                |
| Hydrogen Fluoride                  | 7664-39-3  | No       | Yes       | Inorganics    | -                                         |                                 | 4.00E-02        | C       | -                             | 6.01E+02                   | 6.01E+02                |
| Hydrogen Selenide                  | 7783-07-5  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hydrogen Sulfate                   | 12143-45-2 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hydrogen Sulfide                   | 7783-06-4  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Hydroquinone                       | 123-31-9   | No       | No        | Organics      | 6.00E-02                                  | P                               | 4.00E-02        | P       | 1.75E+00                      | 6.01E+02                   | 1.75E+00                |
| Imazalil                           | 35554-44-0 | No       | No        | Organics      | 6.11E-02                                  | O                               | 1.08E-01        | O       | 1.72E+00                      | 1.62E+03                   | 1.72E+00                |
| Imazaquin                          | 81335-37-7 | No       | No        | Organics      | -                                         |                                 | 2.50E-01        | I       | -                             | 3.76E+03                   | 3.76E+03                |
| Imazethapyr                        | 81335-77-5 | No       | No        | Organics      | -                                         |                                 | 2.50E+00        | O       | -                             | 3.76E+04                   | 3.76E+04                |
| Indeno[1,2,3-cd]pyrene             | 193-39-5   | Yes      | No        | Organics      | 1.00E-01                                  | E                               | -               |         | 1.05E+00                      | -                          | 1.05E+00                |
| Indium                             | 7440-74-6  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Iodide                             | 20461-54-5 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Iodine                             | 7553-56-2  | No       | No        | Inorganics    | -                                         |                                 | 1.00E-02        | A       | -                             | 1.50E+02                   | 1.50E+02                |
| Iodomethane                        | 74-88-4    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Iodopropynyl Butylcarbamate (IPBC) | 55406-53-6 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Iprodione                          | 36734-19-7 | No       | No        | Organics      | -                                         |                                 | 4.00E-02        | I       | -                             | 6.01E+02                   | 6.01E+02                |
| Iron                               | 7439-89-6  | No       | No        | Inorganics    | -                                         |                                 | 7.00E-01        | P       | -                             | 1.05E+04                   | 1.05E+04                |
| Iron Sulfide                       | 11126-12-8 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Isobutyl Alcohol                   | 78-83-1    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-01        | I       | -                             | 4.51E+03                   | 4.51E+03                |
| Isodrin                            | 465-73-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Isophorone                         | 78-59-1    | No       | No        | Organics      | 9.50E-04                                  | I                               | 2.00E-01        | I       | 1.11E+02                      | 3.01E+03                   | 1.11E+02                |
| Isopropalin                        | 33820-53-0 | No       | Yes       | Organics      | -                                         |                                 | 1.50E-02        | I       | -                             | 2.26E+02                   | 2.26E+02                |
| Isopropanol                        | 67-63-0    | No       | Yes       | Organics      | -                                         |                                 | 2.00E+00        | P       | -                             | 3.01E+04                   | 3.01E+04                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                         | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|----------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Isopropyl Methyl Phosphonic Acid | 1832-54-8   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Isopropyltoluene, p-             | 99-87-6     | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Isosafrole                       | 120-58-1    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Isoxaben                         | 82558-50-7  | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Jet propulsion fuel 4 (JP-4)     | 50815-00-4  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 5 (JP-5)     | NA          | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 7 (JP-7)     | NA          | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Jet propulsion fuel 8 (JP-8)     | NA          | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Kerosene                         | 8008-20-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Lactofen                         | 77501-63-4  | No       | No        | Organics      | -                                         |                                 | 8.00E-03        | O       | -                             | 1.20E+02                   | 1.20E+02                |
| Lactonitrile                     | 78-97-7     | No       | No        | Organics      | -                                         |                                 | 2.00E-04        | X       | -                             | 3.01E+00                   | 3.01E+00                |
| Lanthanum                        | 7439-91-0   | No       | No        | Inorganics    | -                                         |                                 | 5.00E-05        | P       | -                             | 7.52E-01                   | 7.52E-01                |
| Lanthanum Acetate Hydrate        | 100587-90-4 | No       | No        | Organics      | -                                         |                                 | 2.08E-05        | P       | -                             | 3.13E-01                   | 3.13E-01                |
| Lanthanum Chloride Heptahydrate  | 10025-84-0  | No       | No        | Inorganics    | -                                         |                                 | 1.87E-05        | P       | -                             | 2.81E-01                   | 2.81E-01                |
| Lanthanum Chloride, Anhydrous    | 10099-58-8  | No       | No        | Inorganics    | -                                         |                                 | 2.83E-05        | P       | -                             | 4.26E-01                   | 4.26E-01                |
| Lanthanum Nitrate Hexahydrate    | 10277-43-7  | No       | No        | Inorganics    | -                                         |                                 | 1.60E-05        | P       | -                             | 2.41E-01                   | 2.41E-01                |
| Lead Alkyls                      | NA          | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Lead Phosphate                   | 7446-27-7   | No       | No        | Inorganics    | 8.50E-03                                  | C                               | -               |         | 1.24E+01                      | -                          | 1.24E+01                |
| Lead acetate                     | 301-04-2    | No       | No        | Organics      | 2.10E-01                                  | C                               | -               |         | 5.01E-01                      | -                          | 5.01E-01                |
| Lead and Compounds               | 7439-92-1   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Lead subacetate                  | 1335-32-6   | No       | No        | Organics      | 3.80E-02                                  | C                               | -               |         | 2.77E+00                      | -                          | 2.77E+00                |
| Lewisite                         | 541-25-3    | No       | Yes       | Organics      | -                                         |                                 | 5.00E-06        | P       | -                             | 7.52E-02                   | 7.52E-02                |
| Linuron                          | 330-55-2    | No       | No        | Organics      | -                                         |                                 | 7.70E-03        | O       | -                             | 1.16E+02                   | 1.16E+02                |
| Lithium                          | 7439-93-2   | No       | No        | Inorganics    | -                                         |                                 | 2.00E-03        | P       | -                             | 3.01E+01                   | 3.01E+01                |
| Lithium Perchlorate              | 7791-03-9   | No       | No        | Inorganics    | -                                         |                                 | 7.00E-04        | I       | -                             | 1.05E+01                   | 1.05E+01                |
| Lutetium                         | 7439-94-3   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| MCPA                             | 94-74-6     | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| MCPB                             | 94-81-5     | No       | No        | Organics      | -                                         |                                 | 4.40E-02        | O       | -                             | 6.62E+02                   | 6.62E+02                |
| MCPD                             | 93-65-2     | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Magnesium                        | 7439-95-4   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Malathion                        | 121-75-5    | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Maleic Anhydride                 | 108-31-6    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Maleic Hydrazide                 | 123-33-1    | No       | No        | Organics      | -                                         |                                 | 5.00E-01        | I       | -                             | 7.52E+03                   | 7.52E+03                |
| Malononitrile                    | 109-77-3    | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | P       | -                             | 1.50E+00                   | 1.50E+00                |
| Mancozeb                         | 8018-01-7   | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | H       | -                             | 4.51E+02                   | 4.51E+02                |
| Maneb                            | 12427-38-2  | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Manganese (Diet)                 | 7439-96-5   | No       | No        | Inorganics    | -                                         |                                 | 1.40E-01        | I       | -                             | 2.11E+03                   | 2.11E+03                |

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| Chemical                                      | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Mechlorethamine                               | 51-75-2    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Mephosfolan                                   | 950-10-7   | No       | No        | Organics      | -                                         |                                 | 9.00E-05        | H       | -                             | 1.35E+00                   | 1.35E+00                |
| Mepiquat Chloride                             | 24307-26-4 | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Mercaptobenzothiazole, 2-                     | 149-30-4   | No       | No        | Organics      | 1.10E-02                                  | P                               | 4.00E-03        | P       | 9.57E+00                      | 6.01E+01                   | 9.57E+00                |
| Mercuric Chloride                             | 7487-94-7  | No       | No        | Inorganics    | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Mercury (elemental)                           | 7439-97-6  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Merphos                                       | 150-50-5   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-05        | I       | -                             | 4.51E-01                   | 4.51E-01                |
| Metalaxyl                                     | 57837-19-1 | No       | No        | Organics      | -                                         |                                 | 6.00E-02        | I       | -                             | 9.02E+02                   | 9.02E+02                |
| Methacrylonitrile                             | 126-98-7   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-04        | I       | -                             | 1.50E+00                   | 1.50E+00                |
| Methamidophos                                 | 10265-92-6 | No       | No        | Organics      | -                                         |                                 | 5.00E-05        | I       | -                             | 7.52E-01                   | 7.52E-01                |
| Methanol                                      | 67-56-1    | No       | Yes       | Organics      | -                                         |                                 | 2.00E+00        | I       | -                             | 3.01E+04                   | 3.01E+04                |
| Methapyrilene                                 | 91-80-5    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methidathion                                  | 950-37-8   | No       | No        | Organics      | -                                         |                                 | 1.50E-03        | O       | -                             | 2.26E+01                   | 2.26E+01                |
| Methomyl                                      | 16752-77-5 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Methoxy-5-nitroaniline, 2-                    | 99-59-2    | No       | No        | Organics      | 4.90E-02                                  | C                               | -               |         | 2.15E+00                      | -                          | 2.15E+00                |
| Methoxychlor                                  | 72-43-5    | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Methoxyethanol Acetate, 2-                    | 110-49-6   | No       | Yes       | Organics      | -                                         |                                 | 8.00E-03        | P       | -                             | 1.20E+02                   | 1.20E+02                |
| Methoxyethanol, 2-                            | 109-86-4   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | P       | -                             | 7.52E+01                   | 7.52E+01                |
| Methyl Acetate                                | 79-20-9    | No       | Yes       | Organics      | -                                         |                                 | 1.00E+00        | X       | -                             | 1.50E+04                   | 1.50E+04                |
| Methyl Acrylate                               | 96-33-3    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl Ethyl Ketone (2-Butanone)              | 78-93-3    | No       | Yes       | Organics      | -                                         |                                 | 6.00E-01        | I       | -                             | 9.02E+03                   | 9.02E+03                |
| Methyl Hydrazine                              | 60-34-4    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | P       | -                             | 1.50E+01                   | 1.50E+01                |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl Isocyanate                             | 624-83-9   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl Mercaptan                              | 74-93-1    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl Mercury                                | 22967-92-6 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-04        | I       | -                             | 1.50E+00                   | 1.50E+00                |
| Methyl Methacrylate                           | 80-62-6    | No       | Yes       | Organics      | -                                         |                                 | 1.40E+00        | I       | -                             | 2.11E+04                   | 2.11E+04                |
| Methyl Parathion                              | 298-00-0   | No       | No        | Organics      | -                                         |                                 | 2.50E-04        | I       | -                             | 3.76E+00                   | 3.76E+00                |
| Methyl Phosphonic Acid                        | 993-13-5   | No       | No        | Organics      | -                                         |                                 | 6.00E-02        | X       | -                             | 9.02E+02                   | 9.02E+02                |
| Methyl Styrene (Mixed Isomers)                | 25013-15-4 | No       | Yes       | Organics      | -                                         |                                 | 6.00E-03        | H       | -                             | 9.02E+01                   | 9.02E+01                |
| Methyl dicyclohexylamine, n-                  | 7560-83-0  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl methanesulfonate                       | 66-27-3    | No       | No        | Organics      | 9.90E-02                                  | C                               | -               |         | 1.06E+00                      | -                          | 1.06E+00                |
| Methyl tert-Butyl Ether (MTBE)                | 1634-04-4  | No       | Yes       | Organics      | 1.80E-03                                  | C                               | -               |         | 5.85E+01                      | -                          | 5.85E+01                |
| Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2   | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| Methyl-2-Pentanol, 4-                         | 108-11-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methyl-5-Nitroaniline, 2-                     | 99-55-8    | No       | No        | Organics      | 9.00E-03                                  | P                               | 2.00E-02        | X       | 1.17E+01                      | 3.01E+02                   | 1.17E+01                |

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| Chemical                                        | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Methyl-N-nitro-N-nitrosoguanidine, N-           | 70-25-7    | No       | No        | Organics      | 8.30E+00                                  | C                               | -               |         | 1.27E-02                      | -                          | 1.27E-02                |
| Methylaniline Hydrochloride, 2-                 | 636-21-5   | No       | No        | Organics      | 1.30E-01                                  | C                               | -               |         | 8.10E-01                      | -                          | 8.10E-01                |
| Methylarsonic acid                              | 124-58-3   | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | A       | -                             | 1.50E+02                   | 1.50E+02                |
| Methylaziridine, 2-                             | 75-55-8    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | No       | No        | Organics      | -                                         |                                 | 2.00E-04        | X       | -                             | 3.01E+00                   | 3.01E+00                |
| Methylbenzene-1,4-diamine sulfate, 2-           | 615-50-9   | No       | No        | Organics      | 1.00E-01                                  | X                               | 3.00E-04        | X       | 1.05E+00                      | 4.51E+00                   | 1.05E+00                |
| Methylcholanthrene, 3-                          | 56-49-5    | Yes      | No        | Organics      | 2.20E+01                                  | C                               | -               |         | 4.78E-03                      | -                          | 4.78E-03                |
| Methylcyclohexane                               | 108-87-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylcyclohexylamine, n-                       | 100-60-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylcyclopentane                              | 96-37-7    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylene Chloride                              | 75-09-2    | Yes      | Yes       | Organics      | 2.00E-03                                  | I                               | 6.00E-03        | I       | 5.26E+01                      | 9.02E+01                   | 5.26E+01                |
| Methylene-bis(2-chloroaniline), 4,4'-           | 101-14-4   | Yes      | No        | Organics      | 1.00E-01                                  | P                               | 2.00E-03        | P       | 1.05E+00                      | 3.01E+01                   | 1.05E+00                |
| Methylene-bis(N,N-dimethyl) Aniline, 4,4'-      | 101-61-1   | No       | No        | Organics      | 4.60E-02                                  | I                               | -               |         | 2.29E+00                      | -                          | 2.29E+00                |
| Methylenebisbenzenamine, 4,4'-                  | 101-77-9   | No       | No        | Organics      | 1.60E+00                                  | C                               | -               |         | 6.58E-02                      | -                          | 6.58E-02                |
| Methylenediphenyl Diisocyanate                  | 101-68-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylisothiocyanate                            | 556-61-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylnaphthalene                               | 1321-94-4  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Methylnaphthalene, 1-                           | 90-12-0    | No       | Yes       | Organics      | 2.90E-02                                  | P                               | 7.00E-02        | A       | 3.63E+00                      | 1.05E+03                   | 3.63E+00                |
| Methylnaphthalene, 2-                           | 91-57-6    | No       | Yes       | Organics      | -                                         |                                 | 4.00E-03        | I       | -                             | 6.01E+01                   | 6.01E+01                |
| Methylstyrene, Alpha-                           | 98-83-9    | No       | Yes       | Organics      | -                                         |                                 | 7.00E-02        | H       | -                             | 1.05E+03                   | 1.05E+03                |
| Methyltriethyl Lead                             | 1762-28-3  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Metolachlor                                     | 51218-45-2 | No       | No        | Organics      | -                                         |                                 | 1.50E-01        | I       | -                             | 2.26E+03                   | 2.26E+03                |
| Metribuzin                                      | 21087-64-9 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Metsulfuron-methyl                              | 74223-64-6 | No       | No        | Organics      | -                                         |                                 | 2.50E-01        | I       | -                             | 3.76E+03                   | 3.76E+03                |
| Midrange Aliphatic Hydrocarbon Streams          | NA         | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Mineral oils                                    | 8012-95-1  | No       | Yes       | Organics      | -                                         |                                 | 3.00E+00        | P       | -                             | 4.51E+04                   | 4.51E+04                |
| Mirex                                           | 2385-85-5  | No       | Yes       | Organics      | 1.80E+01                                  | C                               | 2.00E-04        | I       | 5.85E-03                      | 3.01E+00                   | 5.85E-03                |
| Molinate                                        | 2212-67-1  | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Molybdenum                                      | 7439-98-7  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Monoaluminum phosphate                          | 13530-50-2 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monoammonium phosphate                          | 7722-76-1  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monobutyltin Compounds                          | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monocalcium phosphate                           | 7758-23-8  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monochloramine                                  | 10599-90-3 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Monochlorobutanes                               | 25154-42-1 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |

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| Chemical                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Monocyclic aromatic hydrocarbons (total)    | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monomagnesium phosphate                     | 7757-86-0  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Monomethylaniline                           | 100-61-8   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | P       | -                             | 3.01E+01                   | 3.01E+01                |
| Monopotassium phosphate                     | 7778-77-0  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Monosodium phosphate                        | 7558-80-7  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Myclobutanil                                | 88671-89-0 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| N,N'-Diphenyl-1,4-benzenediamine            | 74-31-7    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| N-Methyl dithiocarbamate                    | 137-42-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Naled                                       | 300-76-5   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Naphtha, High Flash Aromatic (HFAN)         | 64742-95-6 | No       | Yes       | Organics      | -                                         |                                 | 3.00E-02        | X       | -                             | 4.51E+02                   | 4.51E+02                |
| Naphthalene                                 | 91-20-3    | No       | Yes       | Organics      | 1.20E-01                                  | C                               | 2.00E-02        | I       | 8.77E-01                      | 3.01E+02                   | 8.77E-01                |
| Naphthol, 2-                                | 135-19-3   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Naphthoquinone, 1,4-                        | 130-15-4   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Naphthylamine, 1-                           | 134-32-7   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Naphthylamine, 2-                           | 91-59-8    | No       | No        | Organics      | 1.80E+00                                  | C                               | -               |         | 5.85E-02                      | -                          | 5.85E-02                |
| Napropamide                                 | 15299-99-7 | No       | No        | Organics      | -                                         |                                 | 1.20E-01        | O       | -                             | 1.80E+03                   | 1.80E+03                |
| Neodymium Chloride (Stable, Nonradioactive) | 10024-93-8 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Niagara Blue 4B                             | 2429-74-5  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nickel Acetate                              | 373-02-4   | No       | No        | Organics      | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Carbonate                            | 3333-67-3  | No       | No        | Organics      | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Carbonyl                             | 13463-39-3 | No       | Yes       | Organics      | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Hydroxide                            | 12054-48-7 | No       | No        | Inorganics    | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Oxide                                | 1313-99-1  | No       | No        | Inorganics    | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Refinery Dust                        | NA         | No       | No        | Inorganics    | -                                         |                                 | 1.10E-02        | C       | -                             | 1.65E+02                   | 1.65E+02                |
| Nickel Soluble Salts                        | 7440-02-0  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Nickel Subsulfide                           | 12035-72-2 | No       | No        | Inorganics    | 1.70E+00                                  | C                               | 1.10E-02        | C       | 6.19E-02                      | 1.65E+02                   | 6.19E-02                |
| Nickelocene                                 | 1271-28-9  | No       | No        | Organics      | 9.10E-01                                  | C                               | 1.10E-02        | C       | 1.16E-01                      | 1.65E+02                   | 1.16E-01                |
| Nicotinonitrile                             | 100-54-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Niobium                                     | 7440-03-1  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrate (measured as nitrogen)              | 14797-55-8 | No       | No        | Inorganics    | -                                         |                                 | 1.60E+00        | I       | -                             | 2.41E+04                   | 2.41E+04                |
| Nitrate + Nitrite (measured as nitrogen)    | NA         | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitric Acid                                 | 7697-37-2  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitric Oxide                                | 10102-43-9 | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrite (measured as nitrogen)              | 14797-65-0 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Nitroaniline, 2-                            | 88-74-4    | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Nitroaniline, 3-                            | 99-09-2    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitroaniline, 4-                            | 100-01-6   | No       | No        | Organics      | 2.00E-02                                  | P                               | 4.00E-03        | P       | 5.26E+00                      | 6.01E+01                   | 5.26E+00                |

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| Chemical                     | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Nitrobenzene                 | 98-95-3    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Nitrobiphenyl, 4-            | 92-93-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrocellulose               | 9004-70-0  | No       | No        | Organics      | -                                         |                                 | 3.00E+03        | P       | -                             | 4.51E+07                   | 4.51E+07                |
| Nitrodiphenylamine, 2-       | 119-75-5   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrofurantoin               | 67-20-9    | No       | No        | Organics      | -                                         |                                 | 7.00E-02        | H       | -                             | 1.05E+03                   | 1.05E+03                |
| Nitrofurazone                | 59-87-0    | No       | No        | Organics      | 1.30E+00                                  | C                               | -               |         | 8.10E-02                      | -                          | 8.10E-02                |
| Nitrogen Dioxide             | 10102-44-0 | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitroglycerin                | 55-63-0    | No       | No        | Organics      | 1.70E-02                                  | P                               | 1.00E-04        | P       | 6.19E+00                      | 1.50E+00                   | 1.50E+00                |
| Nitroguanidine               | 556-88-7   | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Nitromethane                 | 75-52-5    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrophenol, 2-              | 88-75-5    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrophenol, 2-amino-4-      | 99-57-0    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrophenol, 3-              | 554-84-7   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrophenol, 4-              | 100-02-7   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrophenol, 4-amino-2-      | 119-34-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitropropane, 2-             | 79-46-9    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitropyrene, 4-              | 57835-92-4 | No       | No        | Organics      | 1.20E+00                                  | C                               | -               |         | 8.77E-02                      | -                          | 8.77E-02                |
| Nitroquinoline-1-oxide. 4-   | 56-57-5    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitroso-N-ethylurea, N-      | 759-73-9   | Yes      | No        | Organics      | 2.70E+01                                  | C                               | -               |         | 3.90E-03                      | -                          | 3.90E-03                |
| Nitroso-N-methylurea, N-     | 684-93-5   | Yes      | No        | Organics      | 1.20E+02                                  | C                               | -               |         | 8.77E-04                      | -                          | 8.77E-04                |
| Nitroso-di-N-butylamine, N-  | 924-16-3   | No       | Yes       | Organics      | 5.40E+00                                  | I                               | -               |         | 1.95E-02                      | -                          | 1.95E-02                |
| Nitroso-di-N-propylamine, N- | 621-64-7   | No       | No        | Organics      | 7.00E+00                                  | I                               | -               |         | 1.50E-02                      | -                          | 1.50E-02                |
| Nitrosodiethanolamine, N-    | 1116-54-7  | No       | No        | Organics      | 2.80E+00                                  | I                               | -               |         | 3.76E-02                      | -                          | 3.76E-02                |
| Nitrosodiethylamine, N-      | 55-18-5    | Yes      | No        | Organics      | 1.50E+02                                  | I                               | -               |         | 7.02E-04                      | -                          | 7.02E-04                |
| Nitrosodimethylamine, N-     | 62-75-9    | Yes      | Yes       | Organics      | 5.10E+01                                  | I                               | 8.00E-06        | P       | 2.06E-03                      | 1.20E-01                   | 2.06E-03                |
| Nitrosodiphenylamine, N-     | 86-30-6    | No       | No        | Organics      | 4.90E-03                                  | I                               | -               |         | 2.15E+01                      | -                          | 2.15E+01                |
| Nitrosomethylethylamine, N-  | 10595-95-6 | No       | Yes       | Organics      | 2.20E+01                                  | I                               | -               |         | 4.78E-03                      | -                          | 4.78E-03                |
| Nitrosomethylvinylamine, N-  | 4549-40-0  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrosomorpholine [N-]       | 59-89-2    | No       | No        | Organics      | 6.70E+00                                  | C                               | -               |         | 1.57E-02                      | -                          | 1.57E-02                |
| Nitrosopiperidine [N-]       | 100-75-4   | No       | No        | Organics      | 9.40E+00                                  | C                               | -               |         | 1.12E-02                      | -                          | 1.12E-02                |
| Nitrosopyrrolidine, N-       | 930-55-2   | No       | No        | Organics      | 2.10E+00                                  | I                               | -               |         | 5.01E-02                      | -                          | 5.01E-02                |
| Nitrotoluene, 4-Amino-2-     | 119-32-4   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nitrotoluene, m-             | 99-08-1    | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Nitrotoluene, o-             | 88-72-2    | No       | Yes       | Organics      | 2.20E-01                                  | P                               | 9.00E-04        | P       | 4.78E-01                      | 1.35E+01                   | 4.78E-01                |
| Nitrotoluene, p-             | 99-99-0    | No       | No        | Organics      | 1.60E-02                                  | P                               | 4.00E-03        | P       | 6.58E+00                      | 6.01E+01                   | 6.58E+00                |

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| Chemical                                               | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Nonachlor, trans-                                      | 39765-80-5 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nonane, n-                                             | 111-84-2   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-04        | X       | -                             | 4.51E+00                   | 4.51E+00                |
| Nonanol, n-                                            | 143-08-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Nonylphenol                                            | 25154-52-3 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Norflurazon                                            | 27314-13-2 | No       | No        | Organics      | -                                         |                                 | 1.50E-03        | O       | -                             | 2.26E+01                   | 2.26E+01                |
| OCDD                                                   | 3268-87-9  | No       | No        | Organics      | 3.90E+01                                  | W                               | 2.33E-06        | W       | 2.70E-03                      | 3.51E-02                   | 2.70E-03                |
| OCDF                                                   | 39001-02-0 | No       | No        | Organics      | 3.90E+01                                  | W                               | 2.33E-06        | W       | 2.70E-03                      | 3.51E-02                   | 2.70E-03                |
| Octabromodiphenyl Ether                                | 32536-52-0 | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | I       | -                             | 4.51E+01                   | 4.51E+01                |
| Octachlorostyrene                                      | 29082-74-4 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octadecanoic Acid                                      | 57-11-4    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0  | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Octahydrotrimethylmethylethylphenanthrenol             | 511-15-9   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octamethylpyrophosphoramide                            | 152-16-9   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | H       | -                             | 3.01E+01                   | 3.01E+01                |
| Octanol, n-                                            | 111-87-5   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octanone, 2-                                           | 111-13-7   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octanone, 3-                                           | 106-68-3   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Octyl Phthalate, di-N-                                 | 117-84-0   | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | P       | -                             | 1.50E+02                   | 1.50E+02                |
| Oleic acid                                             | 112-80-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Oleum                                                  | 8014-95-7  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Oryzalin                                               | 19044-88-3 | No       | No        | Organics      | 7.79E-03                                  | O                               | 1.90E-01        | O       | 1.35E+01                      | 2.86E+03                   | 1.35E+01                |
| Oxadiazon                                              | 19666-30-9 | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Oxamyl                                                 | 23135-22-0 | No       | No        | Organics      | -                                         |                                 | 2.50E-02        | I       | -                             | 3.76E+02                   | 3.76E+02                |
| Oxychlordane                                           | 27304-13-8 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Oxyfluorfen                                            | 42874-03-3 | No       | No        | Organics      | 7.32E-02                                  | O                               | 4.00E-02        | O       | 1.44E+00                      | 6.01E+02                   | 1.44E+00                |
| Ozone                                                  | 10028-15-6 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Paclobutrazol                                          | 76738-62-0 | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |
| Paraquat Dichloride                                    | 1910-42-5  | No       | No        | Organics      | -                                         |                                 | 4.50E-03        | I       | -                             | 6.77E+01                   | 6.77E+01                |
| Parathion                                              | 56-38-2    | No       | No        | Organics      | -                                         |                                 | 6.00E-03        | H       | -                             | 9.02E+01                   | 9.02E+01                |
| PeCDF, 1,2,3,7,8-                                      | 57117-41-6 | No       | No        | Organics      | 3.90E+03                                  | W                               | 2.33E-08        | W       | 2.70E-05                      | 3.51E-04                   | 2.70E-05                |
| PeCDF, 2,3,4,7,8-                                      | 57117-31-4 | No       | No        | Organics      | 3.90E+04                                  | W                               | 2.33E-09        | W       | 2.70E-06                      | 3.51E-05                   | 2.70E-06                |
| Pebulate                                               | 1114-71-2  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | H       | -                             | 7.52E+02                   | 7.52E+02                |
| Pendimethalin                                          | 40487-42-1 | No       | No        | Organics      | -                                         |                                 | 3.00E-01        | O       | -                             | 4.51E+03                   | 4.51E+03                |
| Pentabromodiphenyl Ether                               | 32534-81-9 | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)        | 60348-60-9 | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | I       | -                             | 1.50E+00                   | 1.50E+00                |
| Pentachloroaniline                                     | 527-20-8   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pentachlorobenzene                                     | 608-93-5   | No       | Yes       | Organics      | -                                         |                                 | 8.00E-04        | I       | -                             | 1.20E+01                   | 1.20E+01                |
| Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)            | 65510-44-3 | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |

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| Chemical                                    | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6  | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4  | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)  | 74472-37-0  | No       | Yes       | Organics      | 3.90E+00                                  | W                               | 2.33E-05        | W       | 2.70E-02                      | 3.51E-01                   | 2.70E-02                |
| Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8  | No       | Yes       | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| Pentachlorocyclopentadiene                  | 25329-35-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-     | 40321-76-4  | No       | No        | Organics      | 1.30E+05                                  | W                               | 7.00E-10        | W       | 8.10E-07                      | 1.05E-05                   | 8.10E-07                |
| Pentachloroethane                           | 76-01-7     | No       | Yes       | Organics      | 9.00E-02                                  | P                               | -               |         | 1.17E+00                      | -                          | 1.17E+00                |
| Pentachloronitrobenzene                     | 82-68-8     | No       | Yes       | Organics      | 2.60E-01                                  | H                               | 3.00E-03        | I       | 4.05E-01                      | 4.51E+01                   | 4.05E-01                |
| Pentachlorophenol                           | 87-86-5     | No       | No        | Organics      | 4.00E-01                                  | I                               | 5.00E-03        | I       | 2.63E-01                      | 7.52E+01                   | 2.63E-01                |
| Pentaerythritol tetranitrate (PETN)         | 78-11-5     | No       | No        | Organics      | 4.30E-03                                  | X                               | 9.00E-03        | P       | 2.45E+01                      | 1.35E+02                   | 2.45E+01                |
| Pentamethyl dipropylenetriamine             | 3855-32-1   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pentamethylphosphoramidate (PMPA)           | 10159-46-3  | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Pentane, n-                                 | 109-66-0    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pentyl Alcohol, N-                          | 71-41-0     | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Perchlorate and Perchlorate Salts           | 14797-73-0  | No       | No        | Inorganics    | -                                         |                                 | 7.00E-04        | I       | -                             | 1.05E+01                   | 1.05E+01                |
| Perfluorobutanesulfonate                    | 45187-15-3  | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Perfluorobutanesulfonic acid (PFBS)         | 375-73-5    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Perfluorobutanoate                          | 45048-62-2  | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Perfluorobutanoic acid (PFBA)               | 375-22-4    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Perfluorohexanesulfonate                    | 108427-53-8 | No       | No        | Organics      | -                                         |                                 | 2.00E-05        | A       | -                             | 3.01E-01                   | 3.01E-01                |
| Perfluorohexanesulfonic acid (PFHxS)        | 355-46-4    | No       | No        | Organics      | -                                         |                                 | 2.00E-05        | A       | -                             | 3.01E-01                   | 3.01E-01                |
| Perfluorohexanoate                          | 92612-52-7  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Perfluorohexanoic acid (PFHxA)              | 307-24-4    | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Perfluorononanoate                          | 72007-68-2  | No       | No        | Organics      | -                                         |                                 | 3.00E-06        | A       | -                             | 4.51E-02                   | 4.51E-02                |
| Perfluorononanoic acid (PFNA)               | 375-95-1    | No       | No        | Organics      | -                                         |                                 | 3.00E-06        | A       | -                             | 4.51E-02                   | 4.51E-02                |
| Perfluorooctanesulfonate                    | 45298-90-6  | No       | No        | Organics      | -                                         |                                 | 2.00E-06        | A       | -                             | 3.01E-02                   | 3.01E-02                |
| Perfluorooctanesulfonic acid (PFOS)         | 1763-23-1   | No       | No        | Organics      | -                                         |                                 | 2.00E-06        | A       | -                             | 3.01E-02                   | 3.01E-02                |
| Perfluorooctanoate                          | 45285-51-6  | No       | No        | Organics      | 7.00E-02                                  | D                               | 3.00E-06        | A       | 1.50E+00                      | 4.51E-02                   | 4.51E-02                |
| Perfluorooctanoic acid (PFOA)               | 335-67-1    | No       | No        | Organics      | 7.00E-02                                  | D                               | 3.00E-06        | A       | 1.50E+00                      | 4.51E-02                   | 4.51E-02                |
| Permethrin                                  | 52645-53-1  | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Perylene                                    | 198-55-0    | No       | No        | Organics      | -                                         |                                 | 9.00E-05        | X       | -                             | 1.35E+00                   | 1.35E+00                |
| Pesticides (total)                          | NA          | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phenacetin                                  | 62-44-2     | No       | No        | Organics      | 2.20E-03                                  | C                               | -               |         | 4.78E+01                      | -                          | 4.78E+01                |
| Phenanthrene                                | 85-01-8     | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phenmedipham                                | 13684-63-4  | No       | No        | Organics      | -                                         |                                 | 2.40E-01        | O       | -                             | 3.61E+03                   | 3.61E+03                |
| Phenol                                      | 108-95-2    | No       | No        | Organics      | -                                         |                                 | 3.00E-01        | I       | -                             | 4.51E+03                   | 4.51E+03                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                                              | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Phenol, 2-(1-methylethoxy)-, methylcarbamate                          | 114-26-1   | No       | No        | Organics      | -                                         |                                 | 4.00E-03        | I       | -                             | 6.01E+01                   | 6.01E+01                |
| Phenothiazine                                                         | 92-84-2    | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | X       | -                             | 7.52E+00                   | 7.52E+00                |
| Phenyl Isothiocyanate                                                 | 103-72-0   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-04        | X       | -                             | 3.01E+00                   | 3.01E+00                |
| Phenylenediamine, m-                                                  | 108-45-2   | No       | No        | Organics      | -                                         |                                 | 6.00E-03        | I       | -                             | 9.02E+01                   | 9.02E+01                |
| Phenylenediamine, o-                                                  | 95-54-5    | No       | No        | Organics      | 1.20E-01                                  | P                               | 4.00E-03        | P       | 8.77E-01                      | 6.01E+01                   | 8.77E-01                |
| Phenylenediamine, p-                                                  | 106-50-3   | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | X       | -                             | 1.50E+01                   | 1.50E+01                |
| Phenylmercuric Acetate                                                | 62-38-4    | No       | No        | Organics      | -                                         |                                 | 8.00E-05        | I       | -                             | 1.20E+00                   | 1.20E+00                |
| Phenylphenol, 2-                                                      | 90-43-7    | No       | No        | Organics      | 1.94E-03                                  | H                               | -               |         | 5.43E+01                      | -                          | 5.43E+01                |
| Phorate                                                               | 298-02-2   | No       | No        | Organics      | -                                         |                                 | 2.00E-04        | H       | -                             | 3.01E+00                   | 3.01E+00                |
| Phosmet                                                               | 732-11-6   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Phosphine                                                             | 7803-51-2  | No       | Yes       | Inorganics    | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Phosphoric Acid                                                       | 7664-38-2  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Phosphorus pentoxide                                                  | 1314-56-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phosphorus, White                                                     | 7723-14-0  | No       | Yes       | Inorganics    | -                                         |                                 | 2.00E-05        | I       | -                             | 3.01E-01                   | 3.01E-01                |
| Phthalates (total)                                                    | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phthalic Acid, m-                                                     | 121-91-5   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phthalic Acid, o-                                                     | 88-99-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Phthalic Acid, p-                                                     | 100-21-0   | No       | No        | Organics      | -                                         |                                 | 5.00E-01        | X       | -                             | 7.52E+03                   | 7.52E+03                |
| Phthalic Anhydride                                                    | 85-44-9    | No       | No        | Organics      | -                                         |                                 | 2.00E+00        | I       | -                             | 3.01E+04                   | 3.01E+04                |
| Picloram                                                              | 1918-02-1  | No       | No        | Organics      | -                                         |                                 | 7.00E-02        | I       | -                             | 1.05E+03                   | 1.05E+03                |
| Picoline, 2-                                                          | 109-06-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Picramic Acid (2-Amino-4,6-dinitrophenol)                             | 96-91-3    | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Picric Acid (2,4,6-Trinitrophenol)                                    | 88-89-1    | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | X       | -                             | 3.01E+01                   | 3.01E+01                |
| Piperidine                                                            | 110-89-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pirimiphos, Methyl                                                    | 29232-93-7 | No       | No        | Organics      | -                                         |                                 | 7.30E-04        | O       | -                             | 1.10E+01                   | 1.10E+01                |
| Polybrominated Biphenyls                                              | 36355-01-8 | No       | No        | Organics      | 3.00E+01                                  | C                               | 7.00E-06        | H       | 3.51E-03                      | 1.05E-01                   | 3.51E-03                |
| Polychlorinated Biphenyls (high risk)                                 | 1336-36-3  | No       | Yes       | Organics      | 2.00E+00                                  | I                               | -               |         | 5.26E-02                      | -                          | 5.26E-02                |
| Polycyclic aromatic hydrocarbons (PAH), Total (high molecular weight) | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Polycyclic aromatic hydrocarbons (PAH), Total (low molecular weight)  | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Polycyclic chlorinated hydrocarbons (total)                           | NA         | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Polymeric Methylene Diphenyl Diisocyanate (PMDI)                      | 9016-87-9  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Polyphosphoric acid                                                   | 8017-16-1  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Potassium                                                             | 7440-09-7  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Potassium Cyanide                                                     | 151-50-8   | No       | No        | Inorganics    | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Potassium Perchlorate                                                 | 7778-74-7  | No       | No        | Inorganics    | -                                         |                                 | 7.00E-04        | I       | -                             | 1.05E+01                   | 1.05E+01                |

Attachment D2. Site-Specific Screening Levels for Youth Fish/Crab Consumption  
Appendix G - Human Health Risk Assessment  
UCC Woodbine, Camden County, Georgia

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                       | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Potassium Silver Cyanide                       | 506-61-6   | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Potassium heptafluorobutanoate                 | 2966-54-3  | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Potassium perfluorobutanesulfonate             | 29420-49-3 | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Potassium perfluorooctanesulfonate             | 2795-39-3  | No       | No        | Organics      | -                                         |                                 | 2.00E-06        | A       | -                             | 3.01E-02                   | 3.01E-02                |
| Potassium salts of inorganic phosphates        | NA         | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Potassium tripolyphosphate                     | 13845-36-8 | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Praseodymium                                   | 7440-10-0  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Praseodymium Chloride (Stable, Nonradioactive) | 10361-79-2 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Prochloraz                                     | 67747-09-5 | No       | No        | Organics      | 1.50E-01                                  | I                               | 9.00E-03        | I       | 7.02E-01                      | 1.35E+02                   | 7.02E-01                |
| Profluralin                                    | 26399-36-0 | No       | Yes       | Organics      | -                                         |                                 | 6.00E-03        | H       | -                             | 9.02E+01                   | 9.02E+01                |
| Promethium                                     | 7440-12-2  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Prometon                                       | 1610-18-0  | No       | No        | Organics      | -                                         |                                 | 1.50E-02        | I       | -                             | 2.26E+02                   | 2.26E+02                |
| Prometryn                                      | 7287-19-6  | No       | No        | Organics      | -                                         |                                 | 4.00E-02        | O       | -                             | 6.01E+02                   | 6.01E+02                |
| Pronamide                                      | 23950-58-5 | No       | No        | Organics      | -                                         |                                 | 7.50E-02        | I       | -                             | 1.13E+03                   | 1.13E+03                |
| Propachlor                                     | 1918-16-7  | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |
| Propanil                                       | 709-98-8   | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Propargite                                     | 2312-35-8  | No       | No        | Organics      | 1.92E-01                                  | O                               | 4.00E-02        | O       | 5.48E-01                      | 6.01E+02                   | 5.48E-01                |
| Propargyl Alcohol                              | 107-19-7   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-03        | I       | -                             | 3.01E+01                   | 3.01E+01                |
| Propazine                                      | 139-40-2   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Propham                                        | 122-42-9   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | I       | -                             | 3.01E+02                   | 3.01E+02                |
| Propiconazole                                  | 60207-90-1 | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | O       | -                             | 1.50E+03                   | 1.50E+03                |
| Propionaldehyde                                | 123-38-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propionitrile                                  | 107-12-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propionitrile, 3-(NN-dimethylamino)            | 1738-25-6  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propyl Alcohol, n-                             | 71-23-8    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propyl benzene                                 | 103-65-1   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-01        | X       | -                             | 1.50E+03                   | 1.50E+03                |
| Propylene                                      | 115-07-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propylene Glycol                               | 57-55-6    | No       | No        | Organics      | -                                         |                                 | 2.00E+01        | P       | -                             | 3.01E+05                   | 3.01E+05                |
| Propylene Glycol Dinitrate                     | 6423-43-4  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propylene Glycol Monoethyl Ether               | 1569-02-4  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Propylene Glycol Monomethyl Ether              | 107-98-2   | No       | Yes       | Organics      | -                                         |                                 | 7.00E-01        | H       | -                             | 1.05E+04                   | 1.05E+04                |
| Propylene Oxide                                | 75-56-9    | No       | Yes       | Organics      | 2.40E-01                                  | I                               | -               |         | 4.39E-01                      | -                          | 4.39E-01                |
| Prussian Blue (Ferric Ferrocyanide)            | 14038-43-8 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pyrazinyl phosphorothioate, O,O-diethyl O-2-   | 297-97-2   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Pyrene                                         | 129-00-0   | No       | Yes       | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Pyridine                                       | 110-86-1   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                   | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|--------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Quinalphos                                 | 13593-03-8 | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Quinoline                                  | 91-22-5    | No       | No        | Organics      | 3.00E+00                                  | I                               | -               |         | 3.51E-02                      | -                          | 3.51E-02                |
| Quizalofop-ethyl                           | 76578-14-8 | No       | No        | Organics      | -                                         |                                 | 9.00E-03        | I       | -                             | 1.35E+02                   | 1.35E+02                |
| Resmethrin                                 | 10453-86-8 | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Resorcinol                                 | 108-46-3   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Ronnel                                     | 299-84-3   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-02        | H       | -                             | 7.52E+02                   | 7.52E+02                |
| Rotenone                                   | 83-79-4    | No       | No        | Organics      | -                                         |                                 | 4.00E-03        | I       | -                             | 6.01E+01                   | 6.01E+01                |
| Rubidium                                   | 7440-17-7  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Rubidium Chloride                          | 7791-11-9  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Rubidium Hydroxide                         | 1310-82-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Rubidium Iodide                            | 7790-29-6  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Safrole                                    | 94-59-7    | Yes      | No        | Organics      | 2.20E-01                                  | C                               | -               |         | 4.78E-01                      | -                          | 4.78E-01                |
| Samarium Chloride (Stable, Nonradioactive) | 10361-82-7 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Samarium Nitrate (Stable, Nonradioactive)  | 10361-83-8 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Scandium                                   | 7440-20-2  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Selenious Acid                             | 7783-00-8  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Selenite                                   | 14124-67-5 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Selenium                                   | 7782-49-2  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Selenium Sulfide                           | 7446-34-6  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | C       | -                             | 7.52E+01                   | 7.52E+01                |
| Selenourea                                 | 630-10-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sethoxydim                                 | 74051-80-2 | No       | No        | Organics      | -                                         |                                 | 1.40E-01        | O       | -                             | 2.11E+03                   | 2.11E+03                |
| Silica (crystalline, respirable)           | 7631-86-9  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Silicon                                    | 7440-21-3  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Silver                                     | 7440-22-4  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Silver Cyanide                             | 506-64-9   | No       | No        | Inorganics    | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Simazine                                   | 122-34-9   | No       | No        | Organics      | 1.20E-01                                  | H                               | 5.00E-03        | I       | 8.77E-01                      | 7.52E+01                   | 8.77E-01                |
| Sodium                                     | 7440-23-5  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sodium Acifluorfen                         | 62476-59-9 | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |
| Sodium Azide                               | 26628-22-8 | No       | No        | Inorganics    | -                                         |                                 | 4.00E-03        | I       | -                             | 6.01E+01                   | 6.01E+01                |
| Sodium Cyanide                             | 143-33-9   | No       | No        | Inorganics    | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Sodium Diethyldithiocarbamate              | 148-18-5   | No       | No        | Organics      | 2.70E-01                                  | H                               | 3.00E-02        | I       | 3.90E-01                      | 4.51E+02                   | 3.90E-01                |
| Sodium Fluoride                            | 7681-49-4  | No       | No        | Inorganics    | -                                         |                                 | 5.00E-02        | A       | -                             | 7.52E+02                   | 7.52E+02                |
| Sodium Fluoroacetate                       | 62-74-8    | No       | No        | Organics      | -                                         |                                 | 2.00E-05        | I       | -                             | 3.01E-01                   | 3.01E-01                |
| Sodium Hydroxide                           | 1310-73-2  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sodium Metavanadate                        | 13718-26-8 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-03        | H       | -                             | 1.50E+01                   | 1.50E+01                |
| Sodium Perchlorate                         | 7601-89-0  | No       | No        | Inorganics    | -                                         |                                 | 7.00E-04        | I       | -                             | 1.05E+01                   | 1.05E+01                |
| Sodium Tungstate                           | 13472-45-2 | No       | No        | Inorganics    | -                                         |                                 | 8.00E-04        | P       | -                             | 1.20E+01                   | 1.20E+01                |

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| Chemical                                                                           | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Sodium Tungstate Dihydrate                                                         | 10213-10-2 | No       | No        | Inorganics    | -                                         |                                 | 8.00E-04        | P       | -                             | 1.20E+01                   | 1.20E+01                |
| Sodium acid pyrophosphate                                                          | 7758-16-9  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Sodium aluminum phosphate (acidic)                                                 | 7785-88-8  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sodium aluminum phosphate (anhydrous)                                              | 10279-59-1 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sodium aluminum phosphate (tetrahydrate)                                           | 10305-76-7 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sodium hexametaphosphate                                                           | 10124-56-8 | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Sodium perfluorobutanoate                                                          | 2218-54-4  | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Sodium perfluorohexanoate                                                          | 2923-26-4  | No       | Yes       | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Sodium polyphosphate                                                               | 68915-31-1 | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Sodium salts of inorganic phosphates                                               | NA         | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Sodium trimetaphosphate                                                            | 7785-84-4  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Sodium tripolyphosphate                                                            | 7758-29-4  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Stearyl Acetate                                                                    | 822-23-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Stirofos (Tetrachlorovinphos)                                                      | 961-11-5   | No       | No        | Organics      | 2.40E-02                                  | H                               | 3.00E-02        | I       | 4.39E+00                      | 4.51E+02                   | 4.39E+00                |
| Strontium, Stable                                                                  | 7440-24-6  | No       | No        | Inorganics    | -                                         |                                 | 6.00E-01        | I       | -                             | 9.02E+03                   | 9.02E+03                |
| Strychnine                                                                         | 57-24-9    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Styrene                                                                            | 100-42-5   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)                                   | 57964-39-3 | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | P       | -                             | 4.51E+01                   | 4.51E+01                |
| Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)                                   | 57964-40-6 | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | P       | -                             | 4.51E+01                   | 4.51E+01                |
| Sulfate                                                                            | 14808-79-8 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfite                                                                            | 14265-45-3 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfolane                                                                          | 126-33-0   | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | P       | -                             | 1.50E+01                   | 1.50E+01                |
| Sulfonylbis(4-chlorobenzene), 1,1'-                                                | 80-07-9    | No       | No        | Organics      | -                                         |                                 | 8.00E-04        | P       | -                             | 1.20E+01                   | 1.20E+01                |
| Sulfur                                                                             | 7704-34-9  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfur Dioxide                                                                     | 7446-09-5  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfur Mustard                                                                     | 505-60-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfur Trioxide                                                                    | 7446-11-9  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfuric Acid                                                                      | 7664-93-9  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8   | No       | No        | Organics      | 2.50E-02                                  | I                               | 5.00E-02        | H       | 4.21E+00                      | 7.52E+02                   | 4.21E+00                |
| TCDD, 2,3,7,8-                                                                     | 1746-01-6  | No       | Yes       | Organics      | 1.30E+05                                  | C                               | 7.00E-10        | I       | 8.10E-07                      | 1.05E-05                   | 8.10E-07                |
| TCDF, 2,3,7,8-                                                                     | 51207-31-9 | No       | Yes       | Organics      | 1.30E+04                                  | W                               | 7.00E-09        | W       | 8.10E-06                      | 1.05E-04                   | 8.10E-06                |
| Tebuthiuron                                                                        | 34014-18-1 | No       | No        | Organics      | -                                         |                                 | 7.00E-02        | I       | -                             | 1.05E+03                   | 1.05E+03                |
| Technetium                                                                         | 7440-26-8  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tellurium                                                                          | 13494-80-9 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Temephos                                                                           | 3383-96-8  | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | H       | -                             | 3.01E+02                   | 3.01E+02                |
| Terbacil                                                                           | 5902-51-2  | No       | No        | Organics      | -                                         |                                 | 1.30E-02        | I       | -                             | 1.95E+02                   | 1.95E+02                |

Site-specific

Risk-Based Regional Screening Levels (RSL) for Fish

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| Chemical                                      | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-----------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Terbufos                                      | 13071-79-9 | No       | Yes       | Organics      | -                                         |                                 | 2.50E-05        | H       | -                             | 3.76E-01                   | 3.76E-01                |
| Terbutryn                                     | 886-50-0   | No       | No        | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Tert-Butyl Acetate                            | 540-88-5   | No       | Yes       | Organics      | 5.00E-03                                  | C                               | -               |         | 2.11E+01                      | -                          | 2.11E+01                |
| Test Chemical                                 | NA         | No       | No        |               | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1  | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | I       | -                             | 1.50E+00                   | 1.50E+00                |
| Tetrabutyl Lead                               | 1920-90-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachloroaniline, 2,3,5,6-                  | 3481-20-7  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachlorobenzene, 1,2,3,4-                  | 634-66-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachlorobenzene, 1,2,4,5-                  | 95-94-3    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-05        | P       | -                             | 4.51E-01                   | 4.51E-01                |
| Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)      | 32598-13-3 | No       | No        | Organics      | 1.30E+01                                  | W                               | 7.00E-06        | W       | 8.10E-03                      | 1.05E-01                   | 8.10E-03                |
| Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)       | 70362-50-4 | No       | Yes       | Organics      | 3.90E+01                                  | W                               | 2.33E-06        | W       | 2.70E-03                      | 3.51E-02                   | 2.70E-03                |
| Tetrachloroethane, 1,1,1,2-                   | 630-20-6   | No       | Yes       | Organics      | 2.60E-02                                  | I                               | 3.00E-02        | I       | 4.05E+00                      | 4.51E+02                   | 4.05E+00                |
| Tetrachloroethane, 1,1,2,2-                   | 79-34-5    | No       | Yes       | Organics      | 2.00E-01                                  | I                               | 2.00E-02        | I       | 5.26E-01                      | 3.01E+02                   | 5.26E-01                |
| Tetrachloroethylene                           | 127-18-4   | No       | Yes       | Organics      | 2.10E-03                                  | I                               | 6.00E-03        | I       | 5.01E+01                      | 9.02E+01                   | 5.01E+01                |
| Tetrachlorophenol, 2,3,4,5-                   | 4901-51-3  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachlorophenol, 2,3,4,6-                   | 58-90-2    | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Tetrachlorophenols (total)                    | 25167-83-3 | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachloroterephthalate, 2,3,5,6-            | 2136-79-0  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrachlorotoluene, p- alpha, alpha, alpha-   | 5216-25-1  | No       | Yes       | Organics      | 1.60E+01                                  | X                               | 6.00E-05        | X       | 6.58E-03                      | 9.02E-01                   | 6.58E-03                |
| Tetraethyl Dithiopyrophosphate                | 3689-24-5  | No       | No        | Organics      | -                                         |                                 | 5.00E-04        | I       | -                             | 7.52E+00                   | 7.52E+00                |
| Tetraethyl Lead                               | 78-00-2    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-07        | I       | -                             | 1.50E-03                   | 1.50E-03                |
| Tetrafluoroethane, 1,1,1,2-                   | 811-97-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrahydrofuran                               | 109-99-9   | No       | Yes       | Organics      | -                                         |                                 | 9.00E-01        | I       | -                             | 1.35E+04                   | 1.35E+04                |
| Tetrahydrothiophene                           | 110-01-0   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetramethyl Lead                              | 75-74-1    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetramethylcyclohexane                        | 30501-43-0 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetramethylphosphoramidate, -N,N,N',N" (TMPA) | 16853-36-4 | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Tetrapotassium phosphate                      | 7320-34-5  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Tetrapropyl Lead                              | 3440-75-3  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tetrasodium pyrophosphate                     | 7722-88-5  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Tetryl (Trinitrophenylmethylnitramine)        | 479-45-8   | No       | No        | Organics      | -                                         |                                 | 2.00E-03        | P       | -                             | 3.01E+01                   | 3.01E+01                |
| Thallic Oxide                                 | 1314-32-5  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-05        | G       | -                             | 3.01E-01                   | 3.01E-01                |
| Thallium (I) Nitrate                          | 10102-45-1 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-05        | X       | -                             | 1.50E-01                   | 1.50E-01                |
| Thallium (Soluble Salts)                      | 7440-28-0  | No       | No        | Inorganics    | -                                         |                                 | 1.00E-05        | X       | -                             | 1.50E-01                   | 1.50E-01                |
| Thallium Acetate                              | 563-68-8   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-05        | X       | -                             | 1.50E-01                   | 1.50E-01                |
| Thallium Carbonate                            | 6533-73-9  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-05        | X       | -                             | 3.01E-01                   | 3.01E-01                |

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| Chemical                                                    | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|-------------------------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Thallium Chloride                                           | 7791-12-0  | No       | No        | Inorganics    | -                                         |                                 | 1.00E-05        | X       | -                             | 1.50E-01                   | 1.50E-01                |
| Thallium Selenite                                           | 12039-52-0 | No       | No        | Inorganics    | -                                         |                                 | 1.00E-05        | G       | -                             | 1.50E-01                   | 1.50E-01                |
| Thallium Sulfate                                            | 7446-18-6  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-05        | X       | -                             | 3.01E-01                   | 3.01E-01                |
| Thifensulfuron-methyl                                       | 79277-27-3 | No       | No        | Organics      | -                                         |                                 | 4.30E-02        | O       | -                             | 6.47E+02                   | 6.47E+02                |
| Thiobencarb                                                 | 28249-77-6 | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Thiocyanates                                                | NA         | No       | No        | Inorganics    | -                                         |                                 | 2.00E-04        | P       | -                             | 3.01E+00                   | 3.01E+00                |
| Thiocyanic Acid                                             | 463-56-9   | No       | Yes       | Inorganics    | -                                         |                                 | 2.00E-04        | X       | -                             | 3.01E+00                   | 3.01E+00                |
| Thiocyanic acid, (2-benzothiazolylthio)methyl ester (TCMTB) | 21564-17-0 | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | H       | -                             | 4.51E+02                   | 4.51E+02                |
| Thiodiglycol                                                | 111-48-8   | No       | No        | Organics      | -                                         |                                 | 7.00E-02        | X       | -                             | 1.05E+03                   | 1.05E+03                |
| Thiofanox                                                   | 39196-18-4 | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | H       | -                             | 4.51E+00                   | 4.51E+00                |
| Thiophanate, Methyl                                         | 23564-05-8 | No       | No        | Organics      | 1.16E-02                                  | O                               | 1.60E-01        | O       | 9.07E+00                      | 2.41E+03                   | 9.07E+00                |
| Thiophene                                                   | 110-02-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Thiram                                                      | 137-26-8   | No       | No        | Organics      | -                                         |                                 | 1.50E-02        | O       | -                             | 2.26E+02                   | 2.26E+02                |
| Thorium                                                     | 7440-29-1  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Thymol                                                      | 89-83-8    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tin                                                         | 7440-31-5  | No       | No        | Inorganics    | -                                         |                                 | 6.00E-01        | H       | -                             | 9.02E+03                   | 9.02E+03                |
| Titanium                                                    | 7440-32-6  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Titanium Tetrachloride                                      | 7550-45-0  | No       | Yes       | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Toluene                                                     | 108-88-3   | No       | Yes       | Organics      | -                                         |                                 | 8.00E-02        | I       | -                             | 1.20E+03                   | 1.20E+03                |
| Toluene-2,4-diisocyanate                                    | 584-84-9   | No       | Yes       | Organics      | 3.90E-02                                  | C                               | -               |         | 2.70E+00                      | -                          | 2.70E+00                |
| Toluene-2,6-diisocyanate                                    | 91-08-7    | No       | Yes       | Organics      | 3.90E-02                                  | C                               | -               |         | 2.70E+00                      | -                          | 2.70E+00                |
| Toluenediamine, 2,3-                                        | 2687-25-4  | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Toluenediamine, 2,5-                                        | 95-70-5    | No       | No        | Organics      | 1.80E-01                                  | X                               | 2.00E-04        | X       | 5.85E-01                      | 3.01E+00                   | 5.85E-01                |
| Toluenediamine, 3,4-                                        | 496-72-0   | No       | No        | Organics      | -                                         |                                 | 1.00E-04        | X       | -                             | 1.50E+00                   | 1.50E+00                |
| Toluic Acid, p-                                             | 99-94-5    | No       | No        | Organics      | -                                         |                                 | 5.00E-03        | P       | -                             | 7.52E+01                   | 7.52E+01                |
| Toluidine, o- (Methylaniline, 2-)                           | 95-53-4    | No       | No        | Organics      | 1.60E-02                                  | P                               | -               |         | 6.58E+00                      | -                          | 6.58E+00                |
| Toluidine, p-                                               | 106-49-0   | No       | No        | Organics      | 3.00E-02                                  | P                               | 4.00E-03        | X       | 3.51E+00                      | 6.01E+01                   | 3.51E+00                |
| Total Petroleum Hydrocarbons (Aliphatic High)               | NA         | No       | Yes       | Organics      | -                                         |                                 | 3.00E+00        | P       | -                             | 4.51E+04                   | 4.51E+04                |
| Total Petroleum Hydrocarbons (Aliphatic Low)                | NA         | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | P       | -                             | 7.52E+01                   | 7.52E+01                |
| Total Petroleum Hydrocarbons (Aliphatic Medium)             | NA         | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Total Petroleum Hydrocarbons (Aromatic High)                | NA         | Yes      | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Total Petroleum Hydrocarbons (Aromatic Low)                 | NA         | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Total Petroleum Hydrocarbons (Aromatic Medium)              | NA         | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | P       | -                             | 1.50E+02                   | 1.50E+02                |
| Toxaphene                                                   | 8001-35-2  | No       | No        | Organics      | 1.10E+00                                  | I                               | 9.00E-05        | P       | 9.57E-02                      | 1.35E+00                   | 9.57E-02                |
| Toxaphene, Weathered                                        | NA         | No       | No        | Organics      | -                                         |                                 | 3.00E-05        | X       | -                             | 4.51E-01                   | 4.51E-01                |
| Tralomethrin                                                | 66841-25-6 | No       | No        | Organics      | -                                         |                                 | 7.50E-03        | I       | -                             | 1.13E+02                   | 1.13E+02                |

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| Chemical                                                            | CAS Number  | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------------------------------------|-------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Tri-n-butyltin                                                      | 688-73-3    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-04        | A       | -                             | 4.51E+00                   | 4.51E+00                |
| Triacetin                                                           | 102-76-1    | No       | No        | Organics      | -                                         |                                 | 8.00E+01        | X       | -                             | 1.20E+06                   | 1.20E+06                |
| Triadimefon                                                         | 43121-43-3  | No       | No        | Organics      | -                                         |                                 | 3.40E-02        | O       | -                             | 5.11E+02                   | 5.11E+02                |
| Triallate                                                           | 2303-17-5   | No       | Yes       | Organics      | 7.17E-02                                  | O                               | 2.50E-02        | O       | 1.47E+00                      | 3.76E+02                   | 1.47E+00                |
| Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Triasulfuron                                                        | 82097-50-5  | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Triaziquone                                                         | 68-76-8     | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tribenuron-methyl                                                   | 101200-48-0 | No       | No        | Organics      | -                                         |                                 | 8.00E-03        | I       | -                             | 1.20E+02                   | 1.20E+02                |
| Tribromobenzene, 1,2,4-                                             | 615-54-3    | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Tribromochloromethane                                               | 594-15-0    | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tribromodiphenyl Ether                                              | 49690-94-0  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tribromophenol, 2,4,6-                                              | 118-79-6    | No       | No        | Organics      | -                                         |                                 | 9.00E-03        | X       | -                             | 1.35E+02                   | 1.35E+02                |
| Tribufos                                                            | 78-48-8     | No       | No        | Organics      | -                                         |                                 | 2.00E-04        | O       | -                             | 3.01E+00                   | 3.01E+00                |
| Tributyl Phosphate                                                  | 126-73-8    | No       | No        | Organics      | 9.00E-03                                  | P                               | 1.00E-02        | P       | 1.17E+01                      | 1.50E+02                   | 1.17E+01                |
| Tributyltin Compounds                                               | NA          | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | P       | -                             | 4.51E+00                   | 4.51E+00                |
| Tributyltin Oxide                                                   | 56-35-9     | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Tributyltin chloride                                                | 1461-22-9   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tributyltin fluoride                                                | 1983-10-4   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tributyltin linoleate                                               | 24124-25-2  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tributyltin methacrylate                                            | 2155-70-6   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tributyltin naphthenate                                             | 85409-17-2  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tricaine Methanesulfonate                                           | 886-86-2    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tricalcium phosphate                                                | 7758-87-4   | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichloramine                                                       | 10025-85-1  | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichloro-1,2,2-trifluoroethane, 1,1,2-                             | 76-13-1     | No       | Yes       | Organics      | -                                         |                                 | 3.00E+01        | I       | -                             | 4.51E+05                   | 4.51E+05                |
| Trichloro-2'-hydroxydiphenylether                                   | 3380-34-5   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichloroacetic Acid                                                | 76-03-9     | No       | No        | Organics      | 7.00E-02                                  | I                               | 2.00E-02        | I       | 1.50E+00                      | 3.01E+02                   | 1.50E+00                |
| Trichloroaniline HCl, 2,4,6-                                        | 33663-50-2  | No       | No        | Organics      | 2.90E-02                                  | H                               | -               |         | 3.63E+00                      | -                          | 3.63E+00                |
| Trichloroaniline, 2,4,5-                                            | 636-30-6    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichloroaniline, 2,4,6-                                            | 634-93-5    | No       | No        | Organics      | 7.00E-03                                  | X                               | 3.00E-05        | X       | 1.50E+01                      | 4.51E-01                   | 4.51E-01                |
| Trichlorobenzene                                                    | 12002-48-1  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichlorobenzene, 1,2,3-                                            | 87-61-6     | No       | Yes       | Organics      | -                                         |                                 | 8.00E-04        | X       | -                             | 1.20E+01                   | 1.20E+01                |
| Trichlorobenzene, 1,2,4-                                            | 120-82-1    | No       | Yes       | Organics      | 2.90E-02                                  | P                               | 1.00E-02        | I       | 3.63E+00                      | 1.50E+02                   | 3.63E+00                |
| Trichloroethane, 1,1,1-                                             | 71-55-6     | No       | Yes       | Organics      | -                                         |                                 | 2.00E+00        | I       | -                             | 3.01E+04                   | 3.01E+04                |

Risk-Based Regional Screening Levels (RSL) for Fish

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user guide; U = user provided; ca = cancer; nc = noncancer; \* = where: nc SL < 100X ca SL; \*\* = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Chemical                                 | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|------------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Trichloroethane, 1,1,2-                  | 79-00-5    | No       | Yes       | Organics      | 5.70E-02                                  | I                               | 4.00E-03        | I       | 1.85E+00                      | 6.01E+01                   | 1.85E+00                |
| Trichloroethylene                        | 79-01-6    | Yes      | Yes       | Organics      | 4.60E-02                                  | I                               | 5.00E-04        | I       | 2.29E+00                      | 7.52E+00                   | 2.29E+00                |
| Trichlorofluoromethane                   | 75-69-4    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-01        | I       | -                             | 4.51E+03                   | 4.51E+03                |
| Trichlorophenol, 2,4,5-                  | 95-95-4    | No       | No        | Organics      | -                                         |                                 | 1.00E-01        | I       | -                             | 1.50E+03                   | 1.50E+03                |
| Trichlorophenol, 2,4,6-                  | 88-06-2    | No       | No        | Organics      | 1.10E-02                                  | I                               | 1.00E-03        | P       | 9.57E+00                      | 1.50E+01                   | 9.57E+00                |
| Trichlorophenoxyacetic Acid, 2,4,5-      | 93-76-5    | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Trichlorophenoxypropionic acid, -2,4,5   | 93-72-1    | No       | No        | Organics      | -                                         |                                 | 8.00E-03        | I       | -                             | 1.20E+02                   | 1.20E+02                |
| Trichloropropane, 1,1,2-                 | 598-77-6   | No       | Yes       | Organics      | -                                         |                                 | 5.00E-03        | I       | -                             | 7.52E+01                   | 7.52E+01                |
| Trichloropropane, 1,2,3-                 | 96-18-4    | Yes      | Yes       | Organics      | 3.00E+01                                  | I                               | 4.00E-03        | I       | 3.51E-03                      | 6.01E+01                   | 3.51E-03                |
| Trichloropropene, 1,2,3-                 | 96-19-5    | No       | Yes       | Organics      | -                                         |                                 | 3.00E-03        | X       | -                             | 4.51E+01                   | 4.51E+01                |
| Trichlorotoluene, 2,3,6-                 | 2077-46-5  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trichlorotoluene, alpha 2,6-             | 2014-83-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tricresyl Phosphate (TCP)                | 1330-78-5  | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | A       | -                             | 3.01E+02                   | 3.01E+02                |
| Tridiphane                               | 58138-08-2 | No       | No        | Organics      | -                                         |                                 | 3.00E-03        | I       | -                             | 4.51E+01                   | 4.51E+01                |
| Tridymite                                | 15468-32-3 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Triethyl Lead                            | 5224-23-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Triethyl phosphorothioate [O,O,O-]       | 126-68-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Triethylamine                            | 121-44-8   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Triethylene Glycol                       | 112-27-6   | No       | No        | Organics      | -                                         |                                 | 2.00E+00        | P       | -                             | 3.01E+04                   | 3.01E+04                |
| Trifluoroethane, 1,1,1-                  | 420-46-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trifluralin                              | 1582-09-8  | No       | Yes       | Organics      | 7.70E-03                                  | I                               | 7.50E-03        | I       | 1.37E+01                      | 1.13E+02                   | 1.37E+01                |
| Trimagnesium phosphate                   | 7757-87-1  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trimethyl Lead                           | 7442-13-9  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trimethyl Phosphate                      | 512-56-1   | No       | No        | Organics      | 2.00E-02                                  | P                               | 1.00E-02        | P       | 5.26E+00                      | 1.50E+02                   | 5.26E+00                |
| Trimethyl-4-Propenyl naphthalene, 1,2,3- | 26137-53-1 | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trimethylbenzene, 1,2,3-                 | 526-73-8   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Trimethylbenzene, 1,2,4-                 | 95-63-6    | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Trimethylbenzene, 1,3,5-                 | 108-67-8   | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | I       | -                             | 1.50E+02                   | 1.50E+02                |
| Trimethylethyl Lead                      | 1762-26-1  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trimethylpentane, 2,2,4-                 | 540-84-1   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trimethylpentene, 2,4,4-                 | 25167-70-8 | No       | Yes       | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Trinitrobenzene, 1,3,5-                  | 99-35-4    | No       | No        | Organics      | -                                         |                                 | 3.00E-02        | I       | -                             | 4.51E+02                   | 4.51E+02                |
| Trinitrotoluene, 2,4,6-                  | 118-96-7   | No       | No        | Organics      | 3.00E-02                                  | I                               | 5.00E-04        | I       | 3.51E+00                      | 7.52E+00                   | 3.51E+00                |

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| Chemical                              | CAS Number | Mutagen? | Volatile? | Chemical Type | SF <sub>o</sub> (mg/kg-day) <sup>-1</sup> | SF <sub>o</sub> R <sub>ef</sub> | RfD (mg/kg-day) | RfD Ref | Ingestion SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Screening Level (mg/kg) |
|---------------------------------------|------------|----------|-----------|---------------|-------------------------------------------|---------------------------------|-----------------|---------|-------------------------------|----------------------------|-------------------------|
| Triphenylphosphine Oxide              | 791-28-6   | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | P       | -                             | 3.01E+02                   | 3.01E+02                |
| Tripotassium phosphate                | 7778-53-2  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Tripropyl Lead                        | 6618-03-7  | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | No       | No        | Organics      | -                                         |                                 | 2.00E-02        | A       | -                             | 3.01E+02                   | 3.01E+02                |
| Tris(1-chloro-2-propyl)phosphate      | 13674-84-5 | No       | No        | Organics      | -                                         |                                 | 1.00E-02        | X       | -                             | 1.50E+02                   | 1.50E+02                |
| Tris(2,3-dibromopropyl)phosphate      | 126-72-7   | No       | Yes       | Organics      | 2.30E+00                                  | C                               | -               |         | 4.58E-02                      | -                          | 4.58E-02                |
| Tris(2-chloroethyl)phosphate          | 115-96-8   | No       | No        | Organics      | 2.00E-02                                  | P                               | 7.00E-03        | P       | 5.26E+00                      | 1.05E+02                   | 5.26E+00                |
| Tris(2-ethylhexyl)phosphate           | 78-42-2    | No       | No        | Organics      | 3.20E-03                                  | P                               | 1.00E-01        | P       | 3.29E+01                      | 1.50E+03                   | 3.29E+01                |
| Trisbutoxyethyl Phosphate             | 78-51-3    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Trisodium phosphate                   | 7601-54-9  | No       | No        | Inorganics    | -                                         |                                 | 1.00E+00        | P       | -                             | 1.50E+04                   | 1.50E+04                |
| Trithion                              | 786-19-6   | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Tungsten                              | 7440-33-7  | No       | No        | Inorganics    | -                                         |                                 | 8.00E-04        | P       | -                             | 1.20E+01                   | 1.20E+01                |
| Uranium                               | 7440-61-1  | No       | No        | Inorganics    | -                                         |                                 | 2.00E-04        | A       | -                             | 3.01E+00                   | 3.01E+00                |
| Urea                                  | 57-13-6    | No       | No        | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Urethane                              | 51-79-6    | Yes      | No        | Organics      | 1.00E+00                                  | C                               | -               |         | 1.05E-01                      | -                          | 1.05E-01                |
| Vanadium Pentoxide                    | 1314-62-1  | No       | No        | Inorganics    | -                                         |                                 | 9.00E-03        | I       | -                             | 1.35E+02                   | 1.35E+02                |
| Vanadium Sulfate                      | 36907-42-3 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Vanadium and Compounds                | 7440-62-2  | No       | No        | Inorganics    | -                                         |                                 | 5.04E-03        | G       | -                             | 7.58E+01                   | 7.58E+01                |
| Vanadyl Sulfate                       | 27774-13-6 | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Vernolate                             | 1929-77-7  | No       | Yes       | Organics      | -                                         |                                 | 1.00E-03        | I       | -                             | 1.50E+01                   | 1.50E+01                |
| Vinclozolin                           | 50471-44-8 | No       | No        | Organics      | -                                         |                                 | 1.20E-03        | O       | -                             | 1.80E+01                   | 1.80E+01                |
| Vinyl Acetate                         | 108-05-4   | No       | Yes       | Organics      | -                                         |                                 | 1.00E+00        | H       | -                             | 1.50E+04                   | 1.50E+04                |
| Vinyl Bromide                         | 593-60-2   | No       | Yes       | Organics      | -                                         |                                 | -               |         | -                             | -                          |                         |
| Vinyl Chloride                        | 75-01-4    | Yes      | Yes       | Organics      | 7.20E-01                                  | I                               | 3.00E-03        | I       | 1.46E-01                      | 4.51E+01                   | 1.46E-01                |
| Warfarin                              | 81-81-2    | No       | No        | Organics      | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Xylene, m-                            | 108-38-3   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | G       | -                             | 3.01E+03                   | 3.01E+03                |
| Xylene, o-                            | 95-47-6    | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | G       | -                             | 3.01E+03                   | 3.01E+03                |
| Xylene, p-                            | 106-42-3   | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | G       | -                             | 3.01E+03                   | 3.01E+03                |
| Xylenes                               | 1330-20-7  | No       | Yes       | Organics      | -                                         |                                 | 2.00E-01        | I       | -                             | 3.01E+03                   | 3.01E+03                |
| Ytterbium                             | 7440-64-4  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Yttrium                               | 7440-65-5  | No       | No        | Inorganics    | -                                         |                                 | -               |         | -                             | -                          |                         |
| Zinc Cyanide                          | 557-21-1   | No       | No        | Inorganics    | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Zinc Phosphide                        | 1314-84-7  | No       | No        | Inorganics    | -                                         |                                 | 3.00E-04        | I       | -                             | 4.51E+00                   | 4.51E+00                |
| Zinc and Compounds                    | 7440-66-6  | No       | No        | Inorganics    | -                                         |                                 | 3.00E-01        | I       | -                             | 4.51E+03                   | 4.51E+03                |
| Zineb                                 | 12122-67-7 | No       | No        | Organics      | -                                         |                                 | 5.00E-02        | I       | -                             | 7.52E+02                   | 7.52E+02                |
| Zirconium                             | 7440-67-7  | No       | No        | Inorganics    | -                                         |                                 | 8.00E-05        | X       | -                             | 1.20E+00                   | 1.20E+00                |