Environmental International Corporation
161 Kimball Bridge Road, Suite 100, Alpharetta, GA 30009
Phone: 770-772-7100, Fax: 770-772-0555
Website:www.eicusa.com

April 29, 2016

Dr. Montague McPherson
Georgia Department of Natural Resources
Response and Remediation Program
Suite 1054 East Tower
2 Martin Luther King, Jr. Drive, S.E.
Atlanta, Georgia 30334

Subject: **Seventh VIRP Semi-annual Progress Report**
Georgia Ports Authority - Bainbridge Terminal
HSI Site No. 10071
1321 Spring Creek Road
Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19
Bainbridge, Decatur County, Georgia

Dear Mr. McPherson:

On behalf of Georgia Ports Authority (GPA), Environmental International Corporation (EIC) is pleased to submit the attached documents as the Seventh Voluntary Investigation and Remediation Plan (VIRP) Semi-annual Progress Report for the above referenced site.

Enclosed are the following material:

1. One signed and sealed certification page for the Semi-annual Report
2. One copy of EIC's Seventh VIRP Semi-annual Progress Report
3. Two Compact Discs each with the report in searchable PDF format

If you have any questions regarding this submittal, please contact Mr. Christopher Novack of GPA at 912-964-3922 or me at the above location.

Sincerely,

ENVIRONMENTAL INTERNATIONAL CORPORATION

Raj Mahadevaiah, P.E., C.G.W.P.
President & CEO

Cc: Christopher Novack, GPA

CERTIFICATION AND SUPPORTING DOCUMENTS
Seventh VIRP Semi-annual Progress Report
Georgia Ports Authority-Bainbridge Terminal
HSI Site No. 10071
April 29, 2016

"I certify under penalty of law that the accompanying report referenced above and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Investigation and Remediation Plan (VIRP) development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Basavaraj Mahadevaiah, GA PE No. 23198
Environmental International Corporation
770-772-7100, ext. 223

4/29/16
Date

Signature and Stamp

HSI SITE 10071, GEORGIA PORTS AUTHORITY-BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

April 29, 2016

Submitted to:

GEORGIA ENVIRONMENTAL PROTECTION DIVISION

Georgia Department of Natural Resources

Response and Remediation Program

Suite 1054 East Tower
2 Martin Luther King Jr. Drive, S.E.
Atlanta, Georgia 30334

Prepared for:

GEORGIA PORTS AUTHORITY

P.O. Box 2406

Savannah, Georgia 31402

Prepared by:

ENVIRONMENTAL INTERNATIONAL CORPORATION

161 Kimball Bridge Road, Suite 100, Alpharetta, GA 30009, USA

Phone 770.772.7100 • Fax 770.772.0555

http://www.eicusa.com

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF PHOTOGRAPHS

LIST OF ATTACHMENTS

LIST OF EXHIBITS

SECTION

1

1. Introduction

On behalf of the Georgia Ports Authority (GPA), Environmental International Corporation (EIC) is pleased to submit the Seventh Semi-annual Progress Report to the Georgia Environmental Protection Division (EPD). This report was prepared as outlined in the Voluntary Investigation and Remediation Plan (VIRP) dated July 27, 2012 that EPD subsequently approved on November 2, 2012 under the Voluntary Remediation Program (VRP).

1.1 PRIMARY OBJECTIVES

The primary objectives of this report is to present a compilation of tasks conducted by EIC during the sixth-month time frame covering the period from November 2015 to April 2016. This report documents the following tasks, which EIC completed to create a better understanding of Site conditions and constituents of concern (COC) trends and to address concerns from the EPD:

- Addressing comments from EPD
- Continued evaluation of COC trends in groundwater
- Flint River mixing model
- Site closure activities

SECTION

2

2. EPD Comment Letter

GPA received a letter from the EPD, dated February 16, 2016 (EPD, 2016a), that commented on GPA's Sixth VIRP Semi-Annual Progress Report. This letter was the last official response that GPA received from EPD. On behalf of GPA, EIC addresses each of these comments with the following responses:

EPD Comment 1

EPD concurs that since the Universal Environmental Covenant (UEC) has been expanded to include the AOC 2 area and has been extended to include all concrete and asphalt covered surfaces surrounding Warehouses 2 and 3, including up to the fence installed around AOC 1, no further horizontal delineation is required.

Response:

Noted

EPD Comment 2

EPD, as previously stated in the October 6, 2015 comment letter concurs that delineation is incomplete near the Flint River where MW-13 and MW -23 are located. EPD will await the Georgia Ports Authority (GPA) modeling demonstration (in a proposed meeting by GPA that no negative surface water impacts or exceedances of the current Georgia In Stream Water Quality Standards (ISWQSs), as provided in Section 391-3-6-.03(5) of the Georgia Water Quality Control Act, are occurring into the Flint River.

Response:

To address any potential impacts of COCs found at MW-13 and MW-23, EIC has developed a mixing zone model for the exposure area along the Flint River. The results from the mixing zone analysis indicate that there would be no negative surface water impacts or exceedances of the current Georgia In-Stream Water Quality Standards (ISWQSs) even with the highest concentration of BHCs historically detected at the site. Please refer to Section 4 for explicit details on the results of the mixing zone analysis.

EPD Comment 3

In response to EPD's Comment # 6 in the October 6, 2015 comment letter, GPA stated that they do not plan to include Agrium parcels under a groundwater UEC. However, GPA has historically stored pesticides on its property and cannot exempt itself from being a Responsible Party for the release of pesticides on the property. EPD believes that since Agrium did not have a history of using or storing pesticides as part of their business operations, Agrium parcels with pesticide impacts in groundwater should be included as qualifying properties under the Act and a streamlined groundwater UEC be developed for these parcels as part of the final site remedy.

Response:

The BHC storage at GPA took place at a location topographically sidegradient and downgradient of the Agrium parcel in question. Furthermore, none of GPA's historical operations involved storage of pesticides on the Agrium parcels. By contrast, the groundwater COC plumes and the groundwater flow directions chronicled in all VIRP progress reports consistently indicate that the groundwater contamination found in the wells within Agrium parcel would have clearly originated from a hydraulically upgradient source.

As noted in EIC's historical site maps, included in the VIRP, the Georgia Gulf Sulfur (GGS) facility is located on property hydraulically upgradient of the Agrium Parcel. Referring to Exhibit A, derived from GGSs website, GGS has chronicled the company history as follows:

"The Georgia Gulf Sulfur manufacturing plant, in Bainbridge Georgia, was conceived and built in the late 1950's to expand Mr. R.A. Griffin's seed and chemical formulation business into the manufacture of sulfur fungicides and miticides. A plant site was purchased on Spring Creek Road, adjacent to the Texas Gulf Sulfur storage facility, at Georgia's inland port facility, on the Flint River. Production commenced in 1959 using dry bulk sulfur from the Texas Gulf Sulfur terminal. Sulfur supply was changed to molten sulfur in 1974. In 1983 a fluid sulfur production unit was added to the site, currently operating as Bainbridge Chemical Corporation."

Based on the aforementioned findings, GPA does not concur with the EPD that the Agrium Parcel should be included as qualifying properties within the groundwater UEC currently being developed for the GPA property under the EPD approved VIRP.

EPD Comment 4

EPD noted that there were no turbidity readings of monitoring wells sampled and the pump intake readings were too low on most wells during sampling. In future Reports please submit turbidity readings for each monitoring well sampled and make appropriate adjustments to correct the low intake readings.

Response:

We are uncertain why EPD believes that there were no turbidity readings in the report. In fact, EIC has submitted turbidity data with each sampling event conducted throughout the VIRP. Referring to "Table 3-2: Chronological Groundwater Quality Field Parameters Summary" of the sixth Semi-annual Progress Report (EIC, 2015b); please note that turbidity readings are listed here as well. The field notes for the data tabulated in this table are included on EIC's purging and sampling field logs.

With regard to the question on the pump intake, please note that EIC places the tubing intake at the midpoint of the available wetted portion of the screen at each monitoring well during groundwater sampling events. Since the well screens in many of the wells at the site are not fully submerged, EIC adjusts the tubing level such that the intake lies at the midpoint of the water column.

SECTION

3

3. Groundwater Monitoring

During the first quarter of 2016, EIC conducted a semi-annual groundwater monitoring event. Under the approved VIRP (EIC, 2012), all available monitoring wells are being utilized for the monitored natural attenuation (MNA) remedial approach. The following subsections describe the monitoring program for the April 2016 sampling event and compare the data from this event to the data from previous sampling events since the VIRP was approved.

3.1 GROUNDWATER MONITORING FIELD PROGRAM

In March 2016, EIC conducted groundwater monitoring at all 25 available monitoring wells. Two of the monitoring wells (MW-14 and MW-17) are historically defined as "deep wells", as the top of the well screen of each well lies at a depth at or greater than 50 feet below ground surface (bgs). The groundwater samples collected from site monitoring wells were analyzed for pesticide COCs. The analyses included the primary COC benzenehexachloride (BHC) composed of isomers, α-BHC, β-BHC, δ-BHC, and γ-BHC (Lindane). A site layout map including monitoring well locations is illustrated in Figure 3-1.

3.1.1 Sampling Protocol

The groundwater sampling program was conducted in accordance with the current U.S. EPA Field Branches Quality System and Technical Procedures (FBQSTP) per EPD regulations. Each monitoring well was gauged, purged, and sampled following the "low-flow" purge technique established in the standard operating procedure (SOP) SESDPROC-301-R3 under the FBQSTP (EPA, 2013).

3.1.2 Site Access

Prior to EIC's site visit, EIC coordinated with the GPA regarding on-site field activities. EIC also contacted surrounding property owners for permission to access wells located near or on the surrounding properties. EIC contacted Agrium U.S., Inc. (Agrium) for permission to access and conduct off-site well monitoring on the adjacent property to the northeast of the GPA site where wells MW-15, MW-16, MW-18, MW-19, MW-20, and MW-21 are located. EIC contacted the

Georgia Department of Transportation (DOT) to obtain permission to access monitoring well MW-22, located on the north right-of-way of Georgia State Highway 253/Spring Creek Road. Upon arrival at the site, EIC acquired access permission from Ergon, Inc., whose property, to the west of the site, is utilized to more easily access wells MW-2 and MW-11.

3.1.3 Field Procedures

3.1.3.1 Groundwater Gauging

Prior to sampling, EIC gauged each well with a Solinst Model 122 interface meter ("oil/water interface probe") to determine the static depth to groundwater. EIC utilized top-of-casing (TOC) elevations from the most recent well survey to determine the current groundwater elevations. Gauging data from the March 2016 monitoring event is summarized in Table 3-1.

3.1.3.2 Groundwater Sampling

Prior to initiating well monitoring field activities, EIC placed a non-hazardous label on an empty 55-gallon drum that EIC had previously staged on the north side of the T-Shed on GPA property. This drum was labeled with the shipper noted as "Georgia Ports Authority", contents noted as "IDW Well Purge Water", and the accumulation date noted as "03/03/2016." This drum was used in addition to a previously similarly labeled drum to containerize investigative derived waste (IDW) purge water throughout the event.

EIC utilized a peristaltic pump for purging and for sampling groundwater. Disposable 1/4-inch inner diameter (ID) Teflon-lined tubing and 3/16-inch ID silicon tubing at the pump head was utilized in all wells for purging. Groundwater from each monitoring well was pumped via the peristaltic pump through a multi-parameter field water quality instrument equipped with a flow-through cell.

EIC calculated the appropriate Teflon tubing length and intake depth for each well by considering the following monitoring well characteristics: the field-measured depth to groundwater, the field-measured height of the well TOC relative to the ground surface, the established field-measured depth-to-bottom, and the documented well total depth and screened interval from well construction logs. Following the SOP SESDPROC-301-R3 (EPA, 2013), EIC set the tubing intake at approximately the center of the wetted screen interval.

Purging continued at each well until stabilization occurred as defined in the SOP SESDPROC-301-R3 or until three to five well volumes were purged from the each well. After water quality parameters stabilized at each accessible well, EIC cut the Teflon-lined tubing connecting the peristaltic pump to the flow-through cell. Groundwater samples were then collected by filling sample bottles with water discharged directly from the pump.

All sample bottles were properly sealed and labeled in the field. Each sample was then stored with double-bagged ice in insulated containers ("coolers") provided by the laboratory. Completed chain-of-custody forms accompanied all samples.

EIC relinquished all samples to Test America laboratory immediately after EIC personnel returned from the site. Laboratory analysis included organochlorine pesticides contaminants using EPA Method 8081B/3660B (with sulfur cleanup). The field forms associated with each groundwater sample are included as Attachment A. The groundwater quality field parameters after stabilization and prior to sample collection are summarized in Table 3-2. The laboratory report for the September sampling event is included as Attachment B. The results of these analyses are summarized in Table 3-3 along with historical groundwater analysis.

3.2 QUALITY ASSURANCE AND QUALITY CONTROL

During the groundwater sampling event, EIC collected additional samples for quality assurance (QA) and for the validation of analytical results. For organochlorine pesticides laboratory matrix spike analysis, one additional sample each from wells MW-5D and MW-22 was collected. A duplicate sample from well MW-10 and an equipment rinsate (blank) sample were also collected. The equipment blank sample was collected by pumping laboratory-supplied de-ionized water through a 10-foot section of Teflon-lined tubing and approximately 6-inches of silicone tubing.

Each QA sample collected at the site was stored with ice in coolers and delivered to the laboratory along with the groundwater samples. These samples were analyzed via EPA method 8081B/3660B. All sample bottles were properly sealed and labeled in the field.

To prevent cross-contamination, new disposable Teflon-lined tubing and disposable silicone tubing were used to collect all samples. EIC's oil/water interface probe and tubing cutter tool were field decontaminated prior to use and between sample locations by washing with pressurized phosphate-free detergent solution and rinsing with pressurized de-ionized (DI) water. After each sample was collected, the multi-parameter water quality meter, the parameter sensors, and the flow-through cell were decontaminated by disassembling and cleaning with pressurized DI water and, if needed, also with pressurized phosphate-free detergent.

3.2.1 QA Evaluation

From Attachment B, the analytical results of all of the parameters in the equipment blank were below the method detection limit (MDL). In the duplicate MW-10 sample, alpha-, beta-, delta-, and gamma-BHC constituents were all above the MDL, in concurrence with the primary MW-10 sample, and both the primary as well as duplicate samples had similar concentrations.

3.3 DATA EVALUATION

EIC conducted an evaluation of the data compiled from field measurements and laboratory analyses to determine the groundwater potentiometric surface and the horizontal and vertical extent of the prevailing groundwater COC plumes occurring during the March 2016 monitoring event. Data from the sampling event was compared to the data from the baseline sampling event in March 2013 and with each of the subsequent sampling events to determine if monitored natural attenuation is in progress at the site and if it is likely to lead to remedial endpoints (EIC 2012, 2013a, 2013b, 2014a, 2014b, 2015a, and 2015b).

3.3.1 Groundwater Potentiometric Map

Utilizing gauging data summarized in Table 3-1 from the March 2016 groundwater monitoring event, EIC prepared a groundwater potentiometric surface map, illustrated in Figure 3-2. Referring to Figure 3-2, it is apparent that groundwater continues to flow to the southeast towards the Flint River.

Table 3-4 tabulates historical and current groundwater potentiometric surface elevations for all wells at the site as well as statistical data for each monitoring event. Referring to Table 3-4, the average calculated groundwater elevation across the site during the March 2016 gauging event was 79.91 ft. This value is above the calculated average groundwater elevation of 78.10 ft. listed in Table 3-4. This continues to support the seasonal groundwater fluctuation apparent at the site since the initiation of the VIRP monitoring program. The total range of elevation difference for this event was calculated to be 1.54 ft. whereas the previous March 2015 total range was 1.03 ft. This indicates that the overall gradient observed during the March 2016 event was greater than that observed during the March 2015 event.

3.3.2 Horizontal Extent of COC Plumes

Figures 3-3 through 3-5 illustrate the horizontal extent of the BHC plumes comprised of alpha-BHC, beta-BHC, and delta-BHC isomers during March 2016. The following subsections describe the extent of each COC in groundwater at the site.

3.3.2.1 Alpha-BHC Plume

From Figure 3-3, both the concentration and horizontal extent of the alpha-BHC plume have remained relatively stable over time compared to the March 2013 baseline. From the March 2016 sampling event, the highest concentration of alpha-BHC was detected in MW-6 (0.77 µg /L) and the second highest concentration was found in MW-22 (0.61 µg/L). It is apparent from Figure 3-3, that the alpha-BHC plume relative to RRS is horizontally delineated towards the southwest, south towards the Flint River, southeast, and northeast. However, the plume is not horizontally defined to the northwest and upgradient offsite beyond Spring Creek Road.

3.3.2.2 Beta-BHC Plume

Figure 3-4 illustrates the horizontal extent of the beta-BHC plume during the March 2016 monitoring event. From Figure 3-4, both the concentration and horizontal extent of the beta-BHC plume have remained relatively stable over time compared to the March 2013 baseline. The highest concentration of beta-BHC was detected in MW-22 (19 µg/L), which is located hydraulically up-gradient of the GPA and Agrium properties and to the north of Spring Creek Road. The Beta-BHC concentration in MW-22 has historically been noted as the highest within the Beta-BHC plume since the March 2013 VIRP baseline event.

As discussed in previous semi-annual reports, concentrations of beta-BHC continue to fluctuate in a seasonal pattern in the area of wells MW-5A and MW-5D. During the March 2016 sampling event, concentrations at wells MW-5A and MW-5D followed the same historical trend, with detected concentrations decreasing, as compared to the previous September 2015 event, and with concentrations that are comparable to those detected during the March 2015 event.

Near the Flint River at MW-23, the Beta-BHC concentration was again above RRS, as it has been since September 2014, which was the first event in which MW-23 was sampled after it was installed. The concentration near this area, however, have remained relatively stable over time since the September 2014 sampling event.

Referring to Figure 3-4, it is apparent that the horizontal extent of the beta-BHC plume relative to RRS is defined to the northeast and southwest, however, the horizontal extent remains undefined to the northwest and upgradient offsite beyond Spring Creek Road and to the south of MW-23 towards the Flint River.

3.3.2.3 Delta-BHC Plume

Figure 3-5 illustrates the horizontal extent of the delta-BHC plume during the March 2016 monitoring event. Compared to the baseline sampling event, the delta-BHC plume has remained relatively stable over time. In March 2016, the highest concentration detected of the delta-BHC plume occurred near MW-22 (1.9 µg/L). Figure 3-5 illustrates that the horizontal delineation of the delta-BHC plume relative to RRS is complete, except to the northwest offsite beyond Spring Creek Road.

3.3.3 Vertical Extent of COC Plumes

There are two deep wells at the site, designated as wells MW-14 and MW-17. According to historical well construction logs, the screened intervals in monitoring wells MW-14 and MW-17 range in depth from 67 to 72 feet bgs and from 50 to 60 feet bgs, respectively. EIC has therefore utilized the aforementioned wells to monitor the vertical migration of COCs.

Referring to Table 3-3, following historical trends, the concentrations of alpha-BHC, beta-BHC, and delta-BHC at wells MW-14 and MW-17, have remained below RRS as of the March 2016 sampling event. As discussed in the Fourth Semi-annual report (EIC, 2014), EPD concurs with EIC that the vertical limit of the BHC plume above RRS has been defined.

3.3.4 BHC Plume Stability

Based on the findings in Sections 3.3.1 through 3.3.3, it is apparent that the BHC plume has remained stable in vertical and horizontal extent since the March 2013 baseline sampling event. EIC will continue to evaluate data from subsequent groundwater monitoring events to further define plume trends.

SECTION

4

4. Flint River Mixing Model

To evaluate the potential impact of contaminated groundwater flow from the site to the Flint River (River), EIC developed a mixing model. This model utilizes groundwater flow, groundwater COC concentrations, and river flow rates to estimate the maximum potential COC concentrations in the Flint River downstream of the site. The model was executed under several different river flow rate and groundwater COC concentration scenarios to evaluate and compare the resultant concentrations to national and state level regulatory limits. The following subsections discuss the general approach to the mixing model.

4.1 MODEL SETUP

As a primary criterion, EIC established the following assumptions to evaluate the worst-case scenario:

- The entire mass of groundwater is uniformly contaminated with same concentration of COCs.
- Groundwater enters the River along the entire length of the site property along the River.
- Groundwater completely mixes with surface water in the River.

As such, the components of the model consist of:

- The flow rate of groundwater entering the River from the site
- The concentration of COCs in groundwater entering the River from the site
- The flow rate of the River
- The resulting COC concentrations in the River upon mixing of the groundwater with the surface water in the River

4.1.1 Groundwater Mass Flux

The groundwater flux was estimated by utilizing the Dupuit equation shown below (Fetter, 2001).

$$q = \frac{1}{2}k\left(\frac{h_1^2 - h_2^2}{L}\right) = \frac{1}{2} * 66.47\,\frac{ft}{day} * \left(\frac{(31.93\,ft)^2 - (30.31\,ft)^2}{989.32\,ft}\right) = 3.39\,\frac{ft^2}{day} = 1{,}237\,\frac{ft^2}{year}$$

$$q = groundwater\ flow\ per\ unit\ width\ \left(\frac{ft^2}{day}\ \&\ \frac{ft^2}{year}\right)$$

$$k = hydraulic\ conductivty\ \left(\frac{ft}{day}\right)$$

$$h_1 = hydraulic\ head\ at\ source\ (ft)$$

$$h_2 = hydraulic\ head\ at\ groundwater/river\ interface\ (ft)$$

$$L = distance\ between\ source\ and\ river\ (ft)$$

Hydraulic conductivity was assumed to be the average value presented in the 2015 Site Conceptual Model included as Appendix A of the Fifth VIRP Semi-annual Report for the site (EIC, 2015a). Figure 4-1 illustrates the points selected for h_1 *and* h_2 as well as the distance L overlaid on top of the March 2016 groundwater potentiometric surface map. Considering that the closest known potential source is the soil pile in AOC-1, EIC selected that area as h_1 for the location of the hydraulic head at the source. Since groundwater discharges to the river, EIC utilized the hydraulic head at the stilling well SW-1, which is attached to the pier at the site and is installed to the bottom of the Flint River, as h_2.

The confining unit from which hydraulic head was calculated is assumed to be the upper semi-confining unit described in the 2006 USGS report titled *Geohydrology of the Lower Apalachicola–Chattahoochee Flint River Basin, Southwestern Georgia, Northwestern Florida, and Southeastern Alabama* (USGS, 2006). From this report, the elevation of the bottom of this formation is apparently 48 ft. NAVD88 near the Bainbridge, Georgia area. This value is supported by lithological logs from the site, which do not indicate a confining unit above this elevation. Using this elevation as a baseline, the value of h_1 was computed from the groundwater contours shown in Figure 4-1, while the value of h_2 was determined as the height of the water in the Flint River from SW-1 gauging data. The distance L was derived using a trace line along the groundwater flow path between the source and the point where the surficial aquifer intersects the Flint River.

EIC then calculated total groundwater flow to the river utilizing the following equation:

$$Q = q * L_R = 1{,}237\,\frac{ft^2}{year} * 1{,}056\,ft = 1.31 * 10^6\,\frac{ft^3}{year}$$

$Q = groundwater\ flowrate\ \left(\frac{ft^3}{year}\right)$

$q = grounderwater\ flow\ per\ unit\ width\ \left(\frac{ft^2}{day}\ \&\ \frac{ft^2}{year}\right)$

$L_R = Length\ of\ site\ \ along\ the\ Flint\ riverfront\ (ft)$

4.1.2 Groundwater Concentration

For the purposes of this model, the selected groundwater concentrations were assumed to be consistent throughout the entire cross-section along the shoreline of the Flint River. EIC chose three sets of concentrations ranging from current site conditions (i.e. at the leading edge) to a worst-case scenario (i.e. maximum concentration ever recorded at the site), presented in Table 4-1, to compute varying degrees of potential downstream concentrations.

For the first scenario, EIC utilized the maximum concentrations measured at MW-23 from the latest sampling event, March 2016, to represent the current leading edge of the plume. For the second scenario, EIC utilized the maximum concentrations measured for each COC during the March 2016 sampling event to represent a current worst-case scenario. For the third scenario, EIC utilized the historical maximum concentrations of each constituent from Table 3-4 (that includes a compilation of VIRP and pre-VIRP groundwater analytical data), as an absolute worst-case scenario.

4.1.3 Flint River Flow Rate

Georgia instream water quality standards are described in Georgia administrative code 391-3-6-.03 *Water Use Classifications and Water Quality Standards* (EPD, 2013). Referring to Chapter 5.e.iv, the COCs should not exceed the maximum allowable concentrations during annual average or higher stream flow conditions. Additionally, referring to Chapter 5.e.ii, Gamma-BHC (Lindane) specifically should not exceed acute criteria during 1Q10 stream flow conditions. As such, EIC utilized discharge flow rates of the Flint River, measured at USGS gauging station in Bainbridge GA. These values are described in the following sections.

4.1.3.1 Average River Discharge

Utilizing the annual average discharge data from the USGS river gauging station 02356000 recorded from 2005 to 2015 (Attachment C), EIC estimated the average discharge for the Flint River. According to this estimate, the average discharge in the river was 6,873 cubic feet per second (cfs).

4.1.3.2 1Q10 River Discharge

According to the annual water report for 2015 (from USGS gauging station 02356000), the lowest daily mean discharge of the Flint River was recorded on September 5, 2011. EIC utilized a value, 1,010 cfs reported for that date as an estimate for 1Q10 river flow in computing the mixing zone values for Lindane.

4.1.4 Upstream River Concentration

As a conservative estimate of the potential effect of groundwater contamination from the GPA site - entering the Flint River - EIC assumed as an upstream concentration (C_{Ru}) of the respective COC in the River would be zero (0). For the purposes of the model, the mixing zone analysis only accounts for the potential impact of groundwater discharging from the GPA site.

4.2 MIXING ZONE CALCULATION

EIC utilized the following equations to compute the potential downstream River concentrations based on the variables defined in Section 4.1. This equation utilizes the principle of conservation of mass and assumes complete mixing of contaminants from groundwater to the River to calculate the downstream River concentration.

$$C_{gw}Q_{gw} + C_{Ru}Q_{Ru} = C_{Rd}Q_{Rd}$$

$$C_{gw} = groundwater\ COC\ concentration\ \left(\frac{\mu g}{L}\right)$$

$$Q_{gw} = groundwater\ flowrate\ \left(\frac{ft^3}{year}\right)$$

$$C_{Ru} = upstream\ river\ concentration\ \left(\frac{\mu g}{L}\right)$$

$$Q_{Ru} = Q_R = upstream\ river\ flowrate\ \left(\frac{ft^3}{year}\right)$$

$$C_{Rd} = downstream\ river\ concentration\ \left(\frac{\mu g}{L}\right)$$

$$Q_{Rd} = Q_{gw} + Q_{Ru} = downstream\ river\ flowrate$$

Since,

$$C_{Ru} = 0$$

The mixing equation can be simplified to:

$$C_{gw}Q_{gw} = C_{Rd}Q_{Rd} = C_{Rd}(Q_{gw} + Q_{Ru})$$

Thus,

$$C_{Rd} = C_{gw}\left(\frac{Q_{gw}}{Q_{gw} + Q_{Ru}}\right) = C_{gw} * DF$$

where DF serves as the Dilution factor

Based on the Groundwater Mass Flux Flow (Section 4.1.1) and the river flow rates (Section 4.1.3):

For average river flow conditions:

$$DF_{avg} = \left(\frac{Q_{gw}}{Q_{gw}+Q_{Ru}}\right) = \left(\frac{1.31*10^6 \frac{ft^3}{year}}{1.31*10^6 \frac{ft^3}{year} + 2.17*10^{11} \frac{ft^3}{year}}\right) = 6.03 * 10^{-6}$$

And for 1Q10 river flow conditions:

$$DF_{1Q10} = \left(\frac{Q_{gw}}{Q_{gw}+Q_{Ru}}\right) = \left(\frac{1.31*10^6 \frac{ft^3}{year}}{1.31*10^6 \frac{ft^3}{year} + 3.19*10^{10} \frac{ft^3}{year}}\right) = 4.10 * 10^{-5}$$

EIC utilized the dilution factor to compute the downstream river concentration for each COC for all three concentration scenarios.

4.3 RESULTS

Tables 4-2 and 4-3 list the results of the conservation of mass calculations as well as the state and national regulatory levels for each COC. The regulatory levels considered for this evaluation are the Georgia Instream Water Quality Standard (EPD, 2013) and the National Primary Drinking Water Standard (EPA, 2009). Table 4-2 considers the Georgia Standards under average river flow conditions, while Table 4-3 considers the special case of acute criteria for Gamma-BHC under 1Q10 river flow conditions.

Referring to the estimated downstream river concentrations listed in Table 4-2 and 4-3, it is apparent that the potential impact from groundwater discharge from the site into the Flint River would be negligible. In addition, these downstream river concentrations are several orders of magnitude lower than the state or federal regulatory standards. Considering that this is a conservative worst-case scenario, potential COC migration to the River from this site would not result in downstream river concentrations in excess of either federal or state surface water quality standards.

SECTION

5

5. Site Closure

In conformance with VIRP requirements, GPA has completed the soil delineation tasks. The following subsections discuss the remainder of the tasks pertaining to the management of contaminated soils.

5.1 SITE COVENANTS

As discussed in Section 2, GPA is currently in the process of preparing a Uniform Environmental Covenant (UEC) pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, et seq. as an institutional control. The UEC will clearly outline the area subject to engineering controls (ECs) and institutional controls (ICs). As discussed in the Sixth VIRP Semi-annual Progress Report, there are currently two AOCs subject to the UEC namely, AOC-1 and AOC-2. The following subsection discusses the general location of each AOC.

5.1.1 AOC Locations and Legal Descriptions

AOC-1 is designated as the entire parcel within the fenced in area, shown in Figure 5-1, lying adjacent to and south of the storage building known as the former Rock Salt Warehouse (RSW). AOC-2 previously was defined to include only the area under and near Warehouse 3 (WH3). In response to EPD's comments, noted in Section 2, the AOC-2 boundary was redrawn to include the area beneath Warehouse 2 (WH2) and the northwestern portion of Warehouse 3 (WH3). In addition, AOC-2 also was redefined to include the surrounding concrete and asphalt covered surfaces extending west/southwest and reaching the fence installed around AOC-1. The limits of the concrete/asphalt covered surfaces included in AOC-2 were defined from the original boundaries drawn in the VIRP document and from soil sampling data derived from historical reports (Law 1999, 2001, and 2002), prepared under previous site investigations.

The new boundary for AOC-2 was surveyed in February 2016 by a Georgia licensed surveyor. Figure 5-1 illustrates the surveyed boundary for AOC-2. Following the February 2016 survey, the surveyor developed a legal description for both AOC-1 and AOC-2. The legal description for AOC-1 was derived from a previous survey performed by Donald Garrett and Associates in 2014. The certified legal descriptions for AOC-1 and AOC-2 are included as Attachment D and Attachment E, respectively. A certified survey map including both AOCs is included as Attachment F.

5.2 MAINTENANCE AND MONITORING PLAN

As discussed in the Sixth VIRP Semi-annual Progress Report, GPA will prepare a maintenance and monitoring plan (M&MP) which will include a soil management plan for AOC-1 and AOC-2. This plan will be included in the UEC submittal to EPD.

5.3 MONUMENTS

Consistent with the UEC requirements, GPA has installed permanent monuments to identify the UEC restrictions at the site. The monuments were installed by EIC in February 2016 as shown in Photographs 5-1 and 5-2. The monuments are installed in conspicuous locations within each of the respective AOCs notifying GPA employees, contractors, and visitors about the site covenants and restrictions pertaining to BHC soil contamination.

The dimensions of each granite monument was approximately 24-inch long, 12-inch wide, and 6-inch high. The monuments were installed by first excavating soil and asphalt in the proposed location and setting the monument in quick dry concrete. In order to protect the monument, EIC set each marker in a concrete pad consisting of 6000-psi rated concrete. Approximately two (2) cubic feet of soil and asphalt was removed while installing both monuments. All IDW soil generated during monument installation activities was containerized in steel 55-gallon drums labeled with "GPA" as the shipper, "soil IDW" as the contents, and the generation date.

5.4 COMPLIANCE STATUS REPORT

In accordance with the VIRP requirements, EIC has initiated preparation of a CSR for the site, as defined in EPD Rule 391-3-19-.06(3) (EPD, 2016b). The CSR will document the current compliance status of the site with Type 5 RRS. The CSR will be referenced in the UEC discussed in Section 5.1.

SECTION

6

6. Summary

During the six-month period from November 2015 through March 2016, EIC has successfully completed various tasks to meet the primary objectives set forth in the VIRP and other follow up tasks related to site closure activities.

EIC has continued semi-annual groundwater sampling to define the extents of BHC constituents within the site. The March 2016 groundwater monitoring event provided continued evidence of plume delineation and stability within the site. Delineation, however, remains incomplete offsite to the northwest for the monitored constituents alpha-BHC, beta-BHC, and delta-BHC and to the south towards the Flint River for beta-BHC.

To determine the potential impact of COCs on surface water quality, EIC developed a mixing zone model of the groundwater seepage into the Flint River. From the model analysis, potential groundwater seepage of the COCs would not result in exceedance of Georgia Instream Water Quality Standards.

Consistent with the VIRP requirements for management of contaminated soils, GPA has defined the areas subject to site covenants and completed installation of monuments notifying the environmental site conditions. Since GPA has met all requirements specified in the VIRP, EIC has initiated preparation of a CSR and UEC to provide site closure.

SECTION

7

7. Summary of Hours

A monthly summary of hours invoiced for the aforementioned tasks during the period from November 2015 through April 2016 is included as Attachment G.

SECTION

8

8. References

Environmental International Corporation (EIC), 2012. *VIRP Application, BHC Remediation*, Alpharetta, Georgia, July 31, 2012.

EIC, 2013a. *First VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia, May 9, 2013.

EIC, 2013b. *Second VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia, October 30, 2013.

EIC, 2014a. *Third VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia, April 29, 2014.

EIC, 2014b. *Fourth VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia, October 30, 2014.

EIC, 2015a. *Fifth VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia, May 4, 2015.

EIC, 2015b. *Sixth VIRP Semi-annual Progress Report, Georgia Ports Authority – Bainbridge Terminal, HIS Site No. 10071, 1321 Spring Creek Road, Land Lot 373, Parcels: 20, 21A, and portion of Parcel 19, Bainbridge, Decatur County, Georgia*. Alpharetta, Georgia. November 2, 2015.

U. S. Environmental Protection Agency (EPA), 2009. *National Primary Drinking Water Regulations*. Washington, DC. May 2009

EPA, 2013. *Groundwater Sampling, Operating Procedure, Number SESDPROC-301-R3*. Region 4, U.S. Environmental Protection Agency, Science and Ecosystem Support Division, Athens, Georgia. March 6, 2013.

Georgia Environmental Protection Division (EPD), 2013. *Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03*. Atlanta, Georgia. August 27, 2013.

EPD, 2016a. Letter from GA EPD to GPA. *Sixth VIRP Semi-Annual Progress Report, Georgia Ports Authority–Bainbridge Terminal, HSI Site No. 10071, 1321 Spring Creek Road, Bainbridge, Decatur County*. Atlanta, Georgia. February 16, 2015.

EPD, 2016b. *Department 391. Rules of Georgia Department of Natural Resources, Chapter 391-3. Environmental Protection, Subject 391-3-19. Hazardous Site Response, Rule 391-3-19-.06. Corrective Action, Filed April 4, 2016*. Atlanta, Georgia. April 4, 2016

LAW Engineering and Environmental Services, Inc. (LAW), 1999. *Compliance Status Report, Georgia Ports Authority – Bainbridge Terminal, Bainbridge, Decatur County, Georgia, HIS Site No. 10071*. September 1999.

LAW, 2001. *Revised Compliance Status Report, Georgia Ports Authority – Bainbridge Terminal, Bainbridge, Decatur County, Georgia, HIS Site No. 10071*. November 2001.

LAW, 2002. *Addendum to Revised Compliance Status Report, Summary of Recent Soil and Groundwater Testing, Georgia Ports Authority – Bainbridge Terminal, Bainbridge, Georgia, HIS Site No. 10071*. Atlanta, Georgia, August 14, 2002.

United States Geological Survey (USGS), 2006, *Geohydrology of the lower Apalachicola–Chattahoochee–Flint River Basin, southwestern Georgia, northwestern Florida, and southeastern Alabama: U.S. Geological Survey Scientific Investigations Report 2006-5070*. Reston, Virginia. 2006

USGS, 2016. *Station 02356000 Flint River at Bainbridge GA: Discharge Data*. Bainbridge, Georgia. April 2016.

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

TABLES

Table 3-1: Well Gauging Data for March 2016 Monitoring Event

Well ID # (Well Diameter, in.)	TOC Elevation*	DTW	DTB**	Groundwater Surface Elevation	Notes
	ft.	ft.	ft.	ft.	
MW-1 (2)	105.22	24.95	32.80	80.27	
MW-1A (2)	105.33	25.07	36.81	80.26	
MW-2 (2)	98.86	18.70	29.20	80.16	
MW-3 (2)	97.12	17.20	27.32	79.92	
MW-4U (2)	103.51	23.23	32.38	80.28	
MW-5A (2)	96.67	17.00	22.82	79.67	
MW-5D (2)	96.12	16.46	24.88	79.66	
MW-6 (2)	102.25	22.32	51.81	79.93	
MW-7 (2)	98.10	17.72	22.25	80.38	
MW-8 (2)	93.54	14.05	21.96	79.49	
MW-9 *** (2)	NL	NA	NA	NA	
MW-10 (2)	99.83	19.61	30.75	80.22	the water level rose up when the well cap was removed, waited until the water level stabilized before water level was measured
MW-11 (2)	100.87	20.40	27.50	80.47	
MW-12 (2)	94.06	15.13	22.53	78.93	
MW-13 (2)	93.55	14.46	22.03	79.09	
MW-14 (2)	102.11	22.14	71.50	79.97	
MW-15 (2)	98.13	18.46	21.51	79.67	
MW-16 (2)	97.15	16.80	23.83	80.35	
MW-17 (2)	93.65	13.93	60.45	79.72	
MW-18 (2)	95.56	15.63	32.83	79.93	air pressure was released upon removal of the well cap
MW-19 (2)	96.6	16.63	32.43	79.97	
MW-20 (2)	96.57	16.21	32.88	80.36	
MW-21 (2)	97.55	17.19	31.50	80.36	
MW-22 (2)	98.88	18.45	33.54	80.43	
MW-23 (2)	93.61	14.44	24.00	79.17	
MW-24 (2)	93.07	14.04	22.81	79.03	

Notes:

All DTW measurements were recorded prior to purging utilizing a Solinst interface meter, Model:122.

* TOC elevations are based on a survey conducted by Donaldson, Garrett, & Associates, Inc. in April 2015.

** Depth to bottom of all wells except MW-17 were measured utilizing the interface meter after purging in March 2016. MW-17 was similarly gauged on 9/14/15.

*** Well Not Located

TOC = Top of Casing

DTW = Depth to Water below TOC

DTB = Depth to Bottom below TOC

NA = Not Applicable

NM = Not Measured

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-1 (2)	7/13/2011	NM	3.65	618.00	NM	0.00	2.91
	3/28/2013	17.07	3.36	574.00	0.462	1.40	2.95
	6/4/2013	22.64	3.35	510.00	0.452	29.60	3.13
	9/3/2013	20.54	3.58	392.00	0.48	0.00	4.31
	12/3/2013	18.45	3.47	358.00	0.72	2.20	4.58
	3/25/2014	19.10	4.07	377.00	0.55	0.00	4.99
	9/4/2014	23.21	3.70	382.00	0.63	4.50	4.99
	3/3/2015	18.94	3.06	354.00	0.51	0.00	2.65
	9/15/2015	23.20	3.48	321.00	0.41	0.00	2.64
	3/1/2016	19.61	3.19	301.00	0.53	0.00	1.31
MW-1A (2)	7/13/2011	NM	3.79	572.00	NM	4.30	2.28
	3/28/2013	16.35	3.43	583.00	0.548	1.50	2.80
	6/4/2013	21.86	3.41	494.00	0.595	3.80	2.52
	9/3/2013	21.7	3.61	386.00	0.662	2.10	2.89
	12/3/2013	19.01	3.45	340.00	0.916	1.90	2.46
	3/25/2014	17.97	4.01	400.00	0.761	0.00	2.26
	9/4/2014	22.15	3.78	372.00	0.818	35.40	3.61
	3/3/2015	20.02	3.17	334.00	0.704	0.00	1.80
	9/15/2015	21.78	3.48	331.00	0.51	0.00	1.80
	3/1/2016	19.42	3.21	318.00	0.806	0.00	0.82
MW-2 (2)	7/14/2011	NM	4.24	544.00	NM	0.00	0.83
	3/28/2013	18.47	4.60	499.00	0.049	0.70	4.72
	6/3/2013	21.40	4.30	391.00	0.059	6.10	3.45
	9/4/2013	20.32	4.63	245.00	0.053	0.00	3.37
	12/4/2013	18.84	4.46	294.00	0.076	0.00	1.37
	3/25/2014	17.33	4.84	295.00	0.065	0.00	4.16
	9/3/2014	18.94	3.86	226.00	0.075	0.00	1.16
	3/2/2015	18.38	4.14	275.00	0.066	0.00	2.58
	9/14/2015	19.41	4.45	268.00	0.076	0.00	0.79
	2/29/2016	18.51	4.44	244.00	0.053	0.00	5.25
MW-3 (2)	3/28/2013	NL	NL	NL	NL	NL	NL
	6/4/2013	NS	NS	NS	NS	NS	NS
	9/5/2013	21.77	4.90	240.00	0.057	31.00	4.38
	12/4/2013	18.49	5.05	275.00	0.074	0.00	6.27
	3/25/2014	19.18	5.57	220.00	0.065	0.00	6.43
	9/4/2014	19.98	4.65	231.00	0.072	17.50	4.97
	3/3/2015	16.34	4.47	665.00	0.077	0.00	7.00
	9/15/2015	20.00	4.78	223.00	0.067	0.00	4.04
	3/1/2016	18.33	4.26	221.00	0.070	0.00	7.80

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-4U (2)	3/28/2013	16.30	3.83	555.00	0.269	7.40	3.32
	6/4/2013	23.44	3.67	470.00	0.185	2.30	4.29
	9/3/2013	20.52	3.97	361.00	0.261	0.00	4.54
	12/3/2013	19.75	3.94	309.00	0.243	0.00	4.63
	3/25/2014	20.85	4.44	308.00	0.262	0.00	3.76
	9/4/2014	20.30	3.68	309.00	0.198	0.00	4.95
	3/3/2015	17.80	3.48	325.00	0.284	0.00	4.80
	9/15/2015	21.52	3.91	280.00	0.169	0.00	3.93
	3/1/2016	19.97	3.41	278.00	0.218	0.00	5.41
MW-5A (2)	7/15/2011	NM	3.96	360.00	NM	0.10	2.41
	4/6/2012	23.16	3.55	279.00	0.543	9.80	1.59
	11/20/2012	24.52	3.19	221.00	0.335	0.94	3.60
	3/26/2013	20.45	4.33	577.00	0.321	2.80	9.21
	6/4/2013	24.98	3.87	434.00	0.467	12.70	2.07
	9/5/2013	24.49	4.34	299.00	0.256	0.00	3.69
	12/5/2013	23.77	3.99	302.00	0.673	38.80	1.21
	3/26/2014	20.00	4.22	260.00	0.608	0.00	3.24
	9/5/2014	23.84	4.03	308.00	0.829	0.00	1.47
	3/5/2015	22.58	3.37	259.00	1.070	0.00	3.37
	9/17/2015	26.67	3.96	271.00	0.680	0.00	0.91
	3/2/2016	22.71	4.14	153.00	0.401	0.00	4.20
MW-5D (2)	7/15/2011	NM	5.91	266.00	NM	0.20	0.00
	4/6/2012	22.45	5.18	158.90	1.205	2.80	0.86
	11/20/2012	25.50	3.59	209.00	1.597	5.94	0.32
	3/26/2013	19.39	7.70	237.00	2.240	3.20	0.88
	6/4/2013	25.53	6.26	9.00	5.55	6.70	0.54
	9/4/2013	26.16	5.43	91.00	0.67	0.00	0.70
	12/5/2013	24.29	4.82	244.00	1.540	0.00	0.30
	3/26/2014	18.91	3.53	275.00	1.870	0.00	0.60
	9/3/2014	24.94	3.62	300.00	0.988	0.00	0.71
	3/5/2015	21.45	3.17	286.00	2.040	0.00	1.30
	9/17/2015	26.48	3.84	270.00	0.465	0.00	0.37
	3/2/2016	22.62	3.37	213.00	2.010	0.00	2.95

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-6 (2)	7/12/2011	NM	5.69	204.00	NM	9.20	0.00
	4/4/2012	23.18	5.30	105.60	1.452	4.50	0.30
	11/20/2012	20.63	5.15	208.00	1.776	3.49	0.66
	3/26/2013	19.38	5.49	241.00	1.750	11.70	0.79
	6/5/2013	23.17	5.50	72.00	1.720	41.10	0.70
	9/3/2013	22.47	5.42	79.00	1.770	36.80	3.16
	12/5/2013	22.56	5.51	50.00	1.650	19.00	0.39
	3/26/2014	21.58	5.80	61.00	1.760	15.20	0.71
	9/4/2014	22.84	5.70	65.00	1.870	86.00	0.66
	3/4/2015	22.52	5.67	43.00	1.610	2.70	0.45
	9/16/2015	21.93	5.41	46.00	1.710	0.00	0.47
	3/2/2016	21.05	5.10	22.00	1.770	1.80	0.33
MW-7 (2)	3/27/2013	18.94	4.41	440.00	0.413	9.00	1.82
	6/3/2013	24.07	3.66	398.00	0.535	4.10	2.91
	9/4/2013	23.81	4.38	301.00	0.512	7.80	0.92
	12/3/2013	22.96	3.82	301.00	0.715	3.30	1.55
	3/26/2014	18.95	3.91	284.00	0.541	0.00	1.63
	9/3/2014	24.29	3.45	304.00	0.926	0.00	1.47
	3/4/2015	23.72	7.91	288.00	0.524	0.00	1.25
	9/16/2015	25.04	3.99	240.00	0.477	0.00	0.98
	3/3/2016	21.18	4.10	242.00	0.332	2.70	2.11
MW-8 (2)	7/14/2011	NM	6.89	109.00	NM	3.30	1.98
	4/5/2012	23.95	3.63	349.20	0.935	0.00	1.88
	11/20/2012	24.86	3.07	207.00	1.156	7.47	2.20
	3/26/2013	20.10	3.64	606.00	1.550	1.40	5.26
	6/5/2013	23.97	3.90	467.00	0.758	1.30	2.26
	9/4/2013	26.94	3.73	275.00	1.10	0.00	2.20
	12/5/2013	24.28	3.96	322.00	0.64	0.00	1.31
	3/26/2014	18.72	3.93	274.00	0.734	1.10	3.57
	9/3/2014	27.23	3.41	311.00	0.730	0.00	1.29
	3/5/2015	21.74	3.25	244.00	1.220	0.00	1.31
	9/16/2015	27.08	3.91	248.00	0.642	0.00	1.85
	3/2/2016	22.41	3.59	206.00	0.747	0.00	1.29

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-9 (2)	3/25/2013	NL	NL	NL	NL	NL	NL
	6/5/2013	NL	NL	NL	NL	NL	NL
	9/4/2013	NL	NL	NL	NL	NL	NL
	12/3/2013	NL	NL	NL	NL	NL	NL
	3/25/2014	NL	NL	NL	NL	NL	NL
	9/3/2014	NL	NL	NL	NL	NL	NL
	9/15/2015	NL	NL	NL	NL	NL	NL
	3/2/2016	NL	NL	NL	NL	NL	NL
MW-10 (2)	7/12/2011	NM	3.77	582.00	NM	7.30	0.00
	4/5/2012	22.47	3.51	407.20	0.988	5.30	1.38
	11/21/2012	22.12	3.63	210.00	0.771	0.77	0.44
	3/27/2013	17.82	3.48	542.00	0.931	2.10	2.37
	6/5/2013	22.32	3.73	471.00	0.930	0.40	2.17
	9/5/2013	22.36	3.67	326.00	0.927	0.00	1.51
	12/4/2013	22.45	3.77	317.00	0.948	0.00	0.86
	3/26/2014	20.16	3.88	320.00	0.823	0.00	1.71
	9/3/2014	23.99	3.63	288.00	0.911	0.00	1.43
	3/5/2015	20.05	3.11	297.00	1.430	0.00	2.08
	9/17/2015	23.42	3.83	290.00	0.708	0.00	1.14
	3/3/2016	21.85	3.80	257.00	0.744	7.50	2.10
MW-11 (2)	7/14/2011	NM	5.87	446.00	NM	0.20	2.09
	4/6/2012	18.64	3.64	364.10	0.247	8.60	5.51
	3/28/2013	18.14	3.55	549.00	0.203	3.90	3.96
	6/4/2013	21.60	3.65	446.00	0.198	54.80	3.33
	9/3/2013	20.21	3.77	371.00	0.186	11.70	7.24
	12/3/2013	19.29	3.73	337.00	0.205	0.00	4.38
	3/25/2014	18.20	4.19	351.00	0.190	6.70	5.06
	9/3/2014	20.20	3.30	300.00	0.182	0.00	4.85
	3/5/2015	18.46	3.44	320.00	0.181	0.00	4.68
	9/14/2015	21.22	3.92	311.00	0.155	0.00	4.81
	2/29/2016	19.32	3.61	296.00	0.156	0.00	4.66
MW-12 (2)	7/14/2011	NM	5.41	251.00	NM	1.10	1.06
	4/5/2012	24.22	6.55	351.20	0.878	0.70	0.33
	11/20/2012	23.30	6.92	203.00	1.316	1.82	0.42
	3/26/2013	18.79	5.50	508.00	0.860	0.00	3.47
	6/5/2013	21.30	6.83	200.00	0.856	0.00	0.89
	9/3/2013	23.85	5.63	118.00	1.240	2.30	1.07
	12/4/2013	23.62	6.89	51.00	0.753	0.00	0.82
	3/26/2014	18.64	5.93	213.00	1.070	0.00	1.38
	9/2/2014	23.31	6.87	117.00	0.619	0.00	0.62
	3/4/2015	22.47	5.89	101.00	0.846	0.00	3.27
	9/16/2015	24.46	6.93	65.00	0.894	0.00	0.44
	3/2/2016	20.75	5.81	40.00	1.070	0.00	0.89

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-13 (2)	3/27/2013	17.64	4.64	192.00	0.396	1.90	1.37
	6/6/2013	DRY	DRY	DRY	DRY	DRY	DRY
	9/5/2013	21.38	4.87	171.00	0.50	0.00	0.80
	12/4/2013	DRY	DRY	DRY	DRY	DRY	DRY
	3/26/2014	17.75	4.95	77.00	0.42	0.00	0.91
	9/2/2014	22.57	5.93	211.00	0.48	0.00	1.69
	3/5/2015	18.20	4.53	68.00	0.93	0.00	1.45
	9/16/2015	20.62	5.15	109.00	0.48	0.00	1.28
	3/2/2016	18.59	4.81	94.00	0.45	0.00	1.45
MW-14 (2)	7/12/2011	NM	7.33	-20.00	NM	9.20	0.00
	4/4/2012	24.13	8.57	42.50	0.254	0.00	4.74
	3/26/2013	20.13	7.05	-19.00	0.234	15.80	0.79
	6/5/2013	21.37	6.92	-121.00	0.270	9.90	0.82
	9/3/2013	23.28	7.00	-107.00	0.273	54.00	1.41
	12/5/2013	22.11	7.06	-115.00	0.247	0.00	0.64
	3/25/2014	18.53	7.40	-146.00	0.267	5.80	0.66
	9/4/2014	22.27	7.51	-163.00	0.290	1.90	0.51
	3/4/2015	21.41	7.67	-180.00	0.250	0.00	2.65
	9/16/2015	22.01	7.35	-139.00	0.252	0.00	0.60
	3/2/2016	20.78	6.88	-115.00	0.242	0.00	0.42
MW-15 (2)	4/5/2012	22.34	5.98	21.30	5.679	9.60	4.62
	3/25/2013	19.49	5.56	287.00	8.560	154.00	0.96
	6/6/2013	DRY	DRY	DRY	DRY	DRY	DRY
	9/4/2013	25.55	6.50	-84.00	3.02	135.00	0.60
	12/3/2013	DRY	DRY	DRY	DRY	DRY	DRY
	3/26/2014	16.50	4.30	292.00	4.94	0.00	1.32
	9/3/2014	24.75	4.29	250.00	3.77	0.00	1.75
	3/4/2015	21.30	4.51	237.00	2.60	0.00	0.68
	9/15/2015	23.92	4.09	236.00	3.44	0.00	0.43
	3/1/2016	22.07	4.65	156.00	5.54	0.00	0.61
MW-16 (2)	7/11/2011	NM	3.70	519.00	NM	0.50	3.93
	4/5/2012	23.17	4.57	272.00	0.036	0.00	5.71
	3/27/2013	16.47	4.85	503.00	0.027	16.80	8.83
	6/5/2013	21.94	4.83	381.00	0.027	2.30	6.34
	9/3/2013	24.49	5.26	181.00	0.041	116.00	3.00
	12/4/2013	23.15	4.93	222.00	0.035	36.90	3.13
	3/26/2014	19.59	4.96	236.00	0.030	0.00	4.99
	9/3/2014	28.38	4.75	259.00	0.026	0.00	4.33
	3/3/2015	20.72	4.53	183.00	0.025	0.00	6.34
	9/16/2015	23.92	4.59	199.00	0.025	0.00	4.43
	3/3/2016	20.44	4.82	203.00	0.030	8.00	6.91

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-17 (2)	7/13/2011	NM	7.06	361.00	NM	8.10	0.67
	4/6/2012	19.34	6.01	-32.00	0.032	10.20	0.72
	11/20/2012	20.72	6.73	223.00	0.482	8.16	0.34
	3/26/2013	18.35	7.38	388.00	0.434	13.60	1.01
	6/5/2013	21.74	7.26	195.00	0.502	14.20	0.76
	9/4/2013	21.34	7.17	62.00	0.523	12.30	0.68
	12/4/2013	20.15	7.16	72.00	0.544	8.00	0.75
	3/27/2014	19.70	7.50	2.00	0.413	9.60	0.48
	9/2/2014	25.89	7.17	-118.00	0.401	11.10	0.40
	3/3/2015	20.04	6.74	-58.00	0.498	0.00	0.52
	9/14/2015	21.63	7.20	105.00	0.460	17.90	0.55
	3/2/2016	19.41	6.74	93.00	0.458	0.00	0.42
MW-18 (2)	7/15/2011	NM	5.22	372.00	NM	0.00	2.08
	4/5/2012	23.64	6.62	192.00	1.844	2.40	0.31
	3/25/2013	19.85	6.44	254.00	2.180	10.90	1.29
	6/6/2013	23.32	6.20	271.00	2.270	0.00	0.80
	9/4/2013	26.11	6.64	48.00	1.950	0.00	0.74
	12/3/2013	24.18	6.55	90.00	2.240	1.20	1.36
	3/26/2014	21.36	6.79	124.00	1.880	0.80	1.36
	9/4/2014	25.62	6.27	221.00	1.910	0.80	0.60
	3/4/2015	22.61	6.68	112.00	1.430	7.90	0.68
	9/15/2015	24.44	6.45	134.00	1.480	19.50	0.37
	3/1/2016	23.75	6.05	75.00	1.850	0.00	0.51
MW-19 (2)	4/5/2012	22.95	3.74	379.60	1.216	6.10	0.40
	3/25/2013	18.79	4.00	437.00	1.270	1.10	1.35
	6/6/2013	22.51	3.66	470.00	1.260	0.00	0.59
	9/4/2013	23.26	3.80	384.00	1.380	61.70	0.73
	12/3/2013	23.26	3.79	295.00	1.250	1.20	1.20
	3/25/2014	20.52	4.31	282.00	1.380	95.00	0.85
	9/3/2014	25.69	4.00	313.00	1.320	13.20	0.63
	3/4/2015	21.20	3.95	331.00	1.130	98.10	0.58
	9/15/2015	23.40	3.64	322.00	0.936	5.30	0.60
	3/1/2016	22.56	3.51	303.00	0.974	72.00	0.53

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-20 (2)	7/12/2011	NM	4.49	516.00	NM	4.90	3.01
	4/5/2012	22.32	4.27	327.90	0.305	0.30	5.03
	11/21/2012	22.39	4.10	220.00	0.214	2.34	3.26
	3/27/2013	19.11	4.10	530.00	0.211	4.40	6.82
	6/6/2013	20.87	3.90	458.00	0.255	0.00	5.49
	9/5/2013	24.11	4.09	295.00	0.212	0.00	4.07
	12/4/2013	22.53	4.12	285.00	0.319	0.00	3.54
	3/27/2014	17.58	4.34	308.00	0.253	0.00	6.49
	9/5/2014	23.44	3.84	304.00	0.394	0.00	6.74
	3/5/2015	17.67	3.72	273.00	0.445	0.00	6.53
	9/17/2015	23.38	4.13	273.00	0.282	0.00	4.99
	3/3/2016	21.45	4.02	253.00	0.177	0.00	6.44
MW-21 (2)	7/12/2011	NM	3.80	590.00	NM	4.50	3.01
	4/5/2012	21.47	4.64	269.40	0.192	1.70	6.25
	11/21/2012	23.00	3.90	217.00	0.295	0.56	2.73
	3/27/2013	18.39	4.72	511.00	0.181	5.10	6.95
	6/6/2013	20.77	4.99	354.00	0.189	7.30	5.02
	9/3/2013	22.40	5.15	217.00	0.184	43.30	5.15
	12/4/2013	21.89	4.18	301.00	0.303	0.00	3.17
	3/27/2014	21.74	5.17	194.00	0.222	14.10	3.55
	9/5/2014	25.15	3.83	305.00	0.889	0.00	4.24
	3/5/2015	19.01	3.54	282.00	1.110	0.00	4.09
	9/17/2015	22.94	4.30	254.00	0.265	0.00	4.75
	3/3/2016	21.50	4.85	208.00	0.201	0.00	5.36
MW-22 (2)	4/5/2012	23.08	3.79	338.90	0.576	7.40	3.61
	11/20/2012	23.40	3.10	218.00	0.444	1.10	2.73
	3/27/2013	21.10	3.60	565.00	0.402	20.30	4.00
	6/6/2013	21.95	3.57	472.00	0.559	0.70	2.48
	9/5/2013	25.52	3.70	307.00	0.588	10.30	1.84
	12/5/2013	24.08	3.86	196.00	0.614	0.00	1.26
	3/27/2014	18.50	3.86	356.00	0.650	9.90	2.99
	9/5/2014	25.73	3.83	337.00	0.697	0.00	2.90
	3/6/2015	18.55	3.58	295.00	0.742	23.30	2.76
	9/17/2015	24.47	3.79	288.00	0.481	3.50	2.71
	3/3/2016	21.96	3.76	269.00	0.510	0.00	3.23

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celsius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-23 (2)	7/8/2014	24.94	3.74	358.00	1.310	0.00	1.34
	9/2/2014	26.47	4.67	154.00	1.040	0.00	0.55
	3/5/2015	23.11	4.47	177.00	1.470	0.00	0.93
	9/17/2015	24.95	5.33	216.00	0.925	0.00	0.53
	3/3/2016	21.48	4.60	187.00	0.899	0.00	0.29
MW-24 (2)	3/3/2015	20.86	5.72	189.00	0.214	0.00	2.14
	9/14/2015	19.62	6.30	188.00	0.260	0.00	2.56
	3/2/2016	17.82	5.50	167.00	0.204	0.00	3.58

Sources: Analytical results for samples collected in April 2012 and earlier are from CH2M Hill 2012, AccuTest 2012, and ECT 2012

Notes:

Field parameters were recorded by EIC from December 2013 to March 2016, after parameters had stabilized and prior to sample collection.

Parameters were measured with a Horiba U-52 Water Quality Meter with a Flow-Through Cell.

SU = Standard Unit
mV = Millivolts
mS/cm = Microsiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = Milligrams per liter
NL = Well not located
NS = Well not sampled
NM = Field Parameter not measured
DRY = Well was dry and therefore not sampled

Table 3-3: Groundwater Pesticides Data Summary

	Test Method SW-846 8081B	alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma-Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
	Site-Specific RRS Values (ug/L)	**0.5**		**1.6**		**0.1**		**2.6**				**0.2**								**8.4**						**12**				**8.4**													
	Type RRS	**4**		**4**		**4**		**4**				**4**								**4**						**4**				**4**													
Well ID	**Sample Date**	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag
MW-1	4/15/2008	0.010	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/5/2009	**0.095**		**0.113**		0.051	U	**0.065**		0.051	U	0.051	U	0.051	U	**0.00462**	J	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	7/13/2011	0.051	U	**0.1**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	**0.103**		0.102	U	0.102	U	**0.0092**	J	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.008	U	0.00722	U	0.00742	U	0.00722	U	0.01320	U	0.0105	U	0.00856	U	0.00814	U	0.000464	U	0.00835	U	0.01160	U	0.00928	U	0.00856	U	0.01000	U	0.01150	U	0.0108	U	0.00835	U	0.00722	U	0.00835	U	0.00742	U	0.00515	U
	3/25/2014	0.003	U	0.00232	U	0.00131	U	0.00169	U	0.00551	U	0.00323	U	0.00142	U	0.00099	U	0.001500	U	0.00598	U	0.00144	U	0.00175	U	0.00298	U	0.00115	U	0.03430	U	0.00176	U	0.00341	U	0.00484	U	0.00326	U	0.00141	U	0.0762	U
	9/4/2014	**0.0343**	J	**0.231**		0.002	U	**0.0362**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.0101	U	0.0023	UF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
	9/15/2015	0.0034	U	0.0090	U	0.0074	U	0.0035	U	0.00700	U	0.0071	U	0.00360	U	0.00340	U	0.003700	U	0.005	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.60000	U	0.09400	U	0.09400	U	0.00450	U	0.390	U
	3/7/2016	0.0034	U	**0.0100**	J P	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00690	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.400	U
MW-1A	9/1/2001	0.100	U	0.1	U	0.1	U	0.1	U	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/15/2008	0.010	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/5/2009	**0.092**		**0.158**		0.051	U	**0.063**		0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	7/13/2011	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.008	U	0.00711	U	0.00731	U	0.00711	U	0.01300	U	0.0104	U	0.00843	U	0.00802	U	0.000457	U	0.00822	U	0.01150	U	0.00914	U	0.00843	U	0.00985	U	0.01140	U	0.0107	U	0.00822	U	0.00711	U	0.00822	U	0.00731	U	0.00508	U
	3/25/2014	0.003	U	0.00237	U	0.00134	U	0.00173	U	0.00562	U	0.00329	U	0.00145	U	0.00101	U	0.001530	U	0.0061	U	0.00147	U	0.00179	U	0.00304	U	0.00117	U	0.03500	U	0.0018	U	0.00347	U	0.00494	U	0.00333	U	0.00144	U	0.0777	U
	9/4/2014	**0.023**	J	**0.161**		**0.0046**	J	**0.0213**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.010	U	**0.021**	JF	0.0020	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
	9/15/2015	0.003	U	**0.008**	U	0.0069	U	0.0033	U	0.00660	U	0.0066	U	0.00340	U	0.00320	U	0.00350	U	0.0047	U	0.00490	U	0.00390	U	0.00580	U	0.00470	U	0.00650	U	0.009	U	0.00560	U	0.08800	U	0.08800	U	0.00420	U	0.37	U
	3/7/2016	**0.011**	J P	**0.033**	J	0.0075	U	**0.0054**	J	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500		0.00460	U	0.40	U
MW-2	4/16/2008	0.010	U	**0.0099**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	7/14/2011	0.050	U	0.05	U	**0.05**		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/3/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/2/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.008	U	0.00711	U	0.00731	U	0.00711	U	0.01300	U	0.0104	U	0.00843	U	0.00802	U	0.000457	U	0.00822	U	0.01150	U	0.00914	U	0.00843	U	0.00985	U	0.01040	U	0.0107	U	0.00822	U	0.00711	U	0.00822	U	0.00731	U	0.00508	U
	3/25/2014	0.003	U	0.00231	U	0.00131	U	0.00168	U	0.00548	U	0.00321	U	0.00142	U	0.00099	U	0.001490	U	0.00595	U	0.00143	U	0.00175	U	0.00269	U	0.00115	U	0.03420	U	0.00176	U	0.00339	U	0.00482	U	0.00324	U	0.00141	U	0.0758	U
	9/3/2014	0.0101	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/2/2015	0.0101	U	0.0023	UF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00208	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.02200	U	0.00450	UF	0.423	U
	9/14/2015	0.0034	U	0.0090	U	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.005	U	0.00520	U	0.00420	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
	3/7/2016	0.0034	U	0.0090	U	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00370	U	0.005	U	0.00410	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.39	U
MW-3	3/28/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NS	
	6/3/2013	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	9/5/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.009	U	0.00824	U	0.00847	U	0.00824	U	0.01510	U	0.012	U	0.00976	U	0.00929	U	0.000529	U	0.00953	U	0.01330	U	0.01060	U	0.00976	U	0.01140	U	0.01320	U	0.0124	U	0.00953	U	0.00824	U	0.00953	U	0.00847	U	0.00588	U
	3/25/2014	0.003	U	0.00235	U	0.00133	U	0.00171	U	0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.001510	U	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	U
	9/4/2014	0.0101	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.0101	U	0.0023	UF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
	9/15/2015	0.0034	U	0.0091	U	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610		0.09500	U	0.09500	U	0.00460	U	0.40	U
	3/7/2016	0.0034	U	0.0094	U	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00690	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
MW-4U	9/1/2001	0.100	U	0.1	U	0.1	U	0.1	U	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM			U
	4/15/2008	0.010	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.52	U
	8/5/2009	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.008	U	0.00788	U	0.008	U	0.00778	U	0.01420	U	0.0113	U	0.00922	U	0.00878	U	0.00050	U	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.00800	U	0.00556	U
	3/25/2014	0.003	U	0.00235	U	0.00133	U	0.00171	U	0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	U
	9/4/2014	0.0101	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.0101	U	0.0023	UF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
	9/15/2015	0.0034	U	0.0090	U	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U	0.00520	U	0.00420	U	0.00620	U	0.00510	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
	3/7/2016	0.0033	U	0.0089	U	0.0073	U	0.0035	U	0.00700	U	0.0071	U	0.00360	U	0.00340	U	0.003700	U	0.0050	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.00960	U	0.00600	U	0.09300	U	0.09300	U	**0.0650**		0.39	U
MW-5A	4/16/2008	**0.120**		**2.4**		**0.63**		**0.04**	J	0.051	U	**0.023**	J	0.051	U	0.051	U	**2.7**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	**0.14**		0.51	U
	8/4/2009	**0.510**	J	**18**		**2.2**		**0.155**	J	1.01	U	1.01	U	1.01	U	1.01	U	1.70	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	10.1	U	2.02	U	1.01	U	1.01	U	**0.340**	J	101	U
	7/15/2011	**0.130**		**1.41**		**0.559**		**0.1**	J	0.104	U	0.104	U	0.104	U	0.104	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	1.04	U	0.208	U	0.104	U	0.104	U	0.208	U	10.4	U
	4/6/2012	**0.430**	J	**15.6**	UBL	**1.6**	UBL	**0.223**	J	1.01	U	**0.217**	J	1.01	U	1.01	U	**5.07**		2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	10.1	U	2.02	U	1.01	U	0.104	U	**0.625**	J	101	U
	11/20/2012	**0.022**	J	**5.1**	*	**0.09**		**0.019**	J	0.0049	U	**0.08**		0.0049	U	0.0049	U	**5.6**	*	0.0098	U	0.0098	U	0.0049	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0049	U	**0.19**		0.98	U
	3/26/2013	**0.100**		**2.34**		**0.242**		**0.076**		0.0019	U	0.002	U	0.0007	U	0.002	U	**2.12**		0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	**0.0724**	J	0.215	U
	6/7/2013	**0.154**		**4.2**		**0.348**		**0.113**		0.0019	U	**0.0782**		0.0007	U	0.002	U	**5.41**		0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	**0.122**		0.215	U
	9/5/2013	0.010	U	**0.389**		0.002	U	0.0016	U	0.00290	U	**0.0286**	J	**0.236**		0.00240	U	**2.75**	D	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	**0.0398**	J	0.423	U
	12/5/2013	**0.488**		**10.2**	D	**1.24**		**0.426**		0.01420	U	0.0113	U	0.00922	U	0.00878	U	**5.93**	D	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	**0.872**		0.00556	U
	3/26/2014	**0.239**		0.00232	U	**0.668**		**0.24**		0.00551	U	0.0747	U	0.00142	U	0.00099	U	0.0015	U	0.00598	U	0.00144	U	0.00175	U	0.00298	U	0.00115	U	0.03430	U	0.00176	U	0.00341	U	0.00484	U	0.00326	U	0.244	U	0.0762	U
	9/5/2014	**0.322**		**7.47**	D	**1.01**	D	**0.298**		0.00290	U	**0.0787**		0.00280	U	0.00240	U	**1.99**	D	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	**0.235**		0.423	U
	3/3/2015	**0.062**		**1.63**	DF	**0.255**	F	**0.0545**		0.00290	U	**0.0219**		0.00280	U	0.00240	U	**1.80**		0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	**0.070**	J	0.423	U
	9/17/2015	**0.59**		**8.6**		**1.2**		**0.20**	P	0.00690	U	**0.045**	J P	0.00360	U	0.00340	U	**1.60**		0.005	U	0.00520	U	0.00410	U	0.00610	U	0.00500	U	0.00680	U	0.0095	U	0.00590	U	0.09200	U	0.09200	U	**0.200**		0.39	U
	3/7/2016	**0.29**		**3.0**		**0.6**		**0.13**		0.00710	U	0.0072	U	0.00370	U	0.00350	U	**2.20**		0.005	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	**0.130**		0.40	U
MW-5D	7/1/2001	**1.000**		**8.7**		**3.7**		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/15/2008	**0.190**		**12**		**0.86**		**0.081**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	**0.061**		0.051	U
	8/3/2009	**1.180**	J	**23.3**		**4.7**		**0.538**	J	2.02	U	**2.02**	U	2.02	U	2.02	U	**0.284**	J	4.04	U	4.04	U	4.04	U	4.04	U	4.04	U	4.04	U	20.2	U	4.04	U	**2.02**		2.02	U	4.04	U	202	U
	7/15/2011	**0.500**	U	**8.61**		**0.47**	J	**0.538**	J	0.5	U	**0.5**	U	0.5	U	0.5	U	**5.6**		1	U	1	U	1	U	1	U	1	U	1	U	5	U	1	U	0.5	U	0.5	U	1	U	50	U
	4/6/2012	**0.660**		**6**	UBL	**2.1**	UBL	**0.544**		0.51	U	**0.51**	U	0.51	U	0.51	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	5.1	U	1.02	U	5.1	U	5.1	U	**1.02**		51	U
	11/20/2012	**0.720**		**5.2**	*	**2.5**	*	**0.68**		0.0049	U	0.0049	U	0.0049	U	0.0049	U	**0.079**		0.0098	U	0.0098	U	0.0049	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0049	U	0.0098	U	0.98	U
	3/26/2013	0.002	U	**0.119**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	**0.215**		**2.49**		**0.567**		**0.225**		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.010	U	**0.12**		0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/5/2013	**0.597**		**11.3**	D	**2.19**	D	**0.779**		0.01510	U	0.012	U	0.00976	U	0.00929	U	**0.116**		0.00953	U	0.01330	U	0.01060	U	0.00976	U	0.01140	U	0.01320	U	0.0124	U	0.00953	U	0.00824	U	0.00953	U	0.00847	U	0.00588	U
	3/26/2014	0.003	U	0.00232	U	0.00131	U	0.00169	U	0.00551	U	0.00323	U	0.00141	U	0.00099	U	0.002	U	0.00598	U	0.00144	U	0.00175	U	0.00298	U	0.00115	U	0.03430	U	0.00176	U	0.00341	U	0.00484	U	0.00326	U	0.00141	U	0.0762	U
	9/3/2014	**0.352**		**18.2**	D	**1.93**	J	**0.383**		0.00287	U	0.00257	U	0.00277	U	0.00238	U	**0.360**		0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.00285	U	0.00851	U	0.00178	U	0.00218	U	**0.0541**	J	0.419	U
	3/5/2015	**0.145**		**4.47**	DF	**1.77**	J	**0.143**		0.00290	U	0.00260	U	0.00280	U	0.00240	U	**0.080**	J	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	**0.0204**	JF	0.423	U
	9/17/2015	**0.34**		**13**		**3.4**		**0.16**	P	0.00700	U	0.00710	U	0.00370	U	0.00350	U	**0.180**		0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00690	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	**0.0120**	J P	0.40	U
	3/7/2016	**0.18**		**3.8**		**1.2**		**0.16**		0.00710	U	0.00720	F1	0.00370	U	0.00350	U	**0.130**		0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	**0.0150**	J	0.40	U

Table 3-3: Groundwater Pesticides Data Summary

Well ID	Sample Date	alpha-BHC Conc (µg/L)	Flag	beta-BHC Conc (µg/L)	Flag	delta-BHC Conc (µg/L)	Flag	gamma-BHC (Lindane) Conc (µg/L)	Flag	Heptachlor Conc (µg/L)	Flag	Aldrin Conc (µg/L)	Flag	Heptachlor epoxide Conc (µg/L)	Flag	Endosulfan I Conc (µg/L)	Flag	Dieldrin Conc (µg/L)	Flag
Test Method SW-846 8081B																			
Site-Specific RRS Values (ug/L)		0.5		1.6		0.1		2.6				0.2							
Type RRS		4		4		4		4				4							
MW-6	9/1/2001	1.840		1.39		2.22		0.31		NM		NM		NM		NM		NM	
MW-6	4/1/2002	1.200		1		3.6		0.11		NM		NM		NM		NM		NM	
MW-6	4/14/2008	1.700		1.1		3.5		0.0079	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
MW-6	8/4/2009	2.360		1.7		6.7		0.505	U	0.505	U	0.505	U	0.505	U	0.505	U	1.01	U
MW-6	7/12/2011	2.500		2.5		7.9		0.526	U	0.526	U	0.526	U	0.526	U	0.526	U	1.05	U
MW-6	4/5/2012	1.400		1.6		2.54	UBL	0.253	U	0.253	U	0.253	U	0.253	U	0.253	U	0.505	U
MW-6	11/20/2012	1.400	*	1.3	*	2.6	*	0.013	J***	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0049	U
MW-6	3/26/2013	1.290		1.32		2.53		0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U
MW-6	6/5/2013	1.230		1.36		1.69		0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U
MW-6	9/3/2013	1.510	D	1.61	D	2.33	D	0.0143	J	2.22	D	0.0106	J	0.00280	U	0.00240	U	0.00430	U
MW-6	12/5/2013	1.680		1.67		2.71	DX	0.035		0.0142	U	0.0113	U	0.00922	U	0.00878	U	0.000522	J
MW-6	3/26/2014	0.797		1.16		1.98		0.00173	U	0.00562	U	0.00329	U	0.00145	U	0.00101	U	0.00153	U
MW-6	9/8/2014	0.907	D	1.15	D	1.81	D	0.00158	U	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U
MW-6	3/4/2015	0.348		0.594	F	1.17	DF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-6	9/16/2015	0.92		1.3		2.1	P	0.014	J P	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U
MW-6	3/7/2016	0.77		1.5		1.9	P	0.01	J P	0.00700	U	0.0071	U	0.0036	U	0.0035	U	0.00370	U
MW-7	9/1/2001	20.510		3.23		1.35		2.66		NM		NM		NM		NM		NM	
MW-7	6/1/2002	4.300		1.2		1		1.3		NM		NM		NM		NM		NM	
MW-7	4/14/2008	0.580		0.4		0.021	J	0.032	J	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U
MW-7	8/5/2009	0.137		0.564		0.051	U	0.129		0.051	U	0.051	U	0.051	U	0.051	U	0.101	U
MW-7	3/27/2013	0.030	J	0.273		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U
MW-7	6/3/2013	0.002	U	0.489		0.0009	U	0.0524		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U
MW-7	9/4/2013	0.061		0.365		0.002	U	0.0332	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-7	12/3/2013	0.023		0.31		0.0126	J	0.0487		0.01420	U	0.0113	U	0.00922	U	0.00878	U	0.00184	J
MW-7	3/26/2014	0.018		0.264		0.00133	U	0.034		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U
MW-7	9/3/2014	0.0364	J	0.409		0.00198	U	0.0660		0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U
MW-7	3/4/2015	0.0101	U	0.427	F	0.0132	JF	0.0334	J	0.00290	U	0.0026	U	0.00280	U	0.00430	U	0.00430	U
MW-7	9/16/2015	0.0046	J P	0.23		0.0074	U	0.012	J	0.00700	U	0.0071	U	0.00380	J P	0.00350	U	0.00370	U
MW-7	3/7/2016	0.0130	J	0.14		0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U
MW-8	9/2/2001	0.100	U	0.22		0.1	U	0.1	U	NM		NM		NM		NM		NM	
MW-8	4/15/2008	0.310		1.7		0.46		0.2		0.05	U	0.05	U	0.05	U	0.05	U	0.011	J
MW-8	7/14/2011	0.527		2.66		1.1		0.277		0.25	U	0.25	U	0.25	U	0.25	U	0.5	U
MW-8	4/5/2012	0.227		1.99		0.3	UBL	0.124		0.101	U	0.101	U	0.101	U	0.101	U	0.202	U
MW-8	11/20/2012	0.210		2.1	*	0.28		0.13		0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0049	U
MW-8	3/26/2013	0.032	J	1.47		0.0009	U	0.036	J	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U
MW-8	6/5/2013	0.266		1.15		0.215		0.147		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U
MW-8	9/4/2013	0.162		1.68	D	0.112		0.108		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00961	J
MW-8	12/5/2013	0.536		1.77		0.655		0.383		0.01420	U	0.0113	U	0.00922	U	0.00878	U	0.0101	J
MW-8	3/26/2014	0.061		0.829		0.0899		0.0392		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U
MW-8	9/8/2014	0.179		1.31	D	0.272		0.145		0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.0148	J
MW-8	3/5/2015	0.013	J	0.542	F	0.0231	J F	0.0108	J	0.00180	U	0.0026	U	0.00280	U	0.00240	U	0.0071	J
MW-8	9/16/2015	0.18		1.2		0.28		0.14		0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.0087	J
MW-8	3/7/2016	0.043	J	1.0		0.056		0.03		0.007	U	0.0071	U	0.00370	U	0.00350	U	0.0180	J
MW-9	9/1/2001	0.770		5.01		0.82		0.42		NM		NM		NM		NM		NM	
MW-9	3/25/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	6/5/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/4/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	12/3/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/25/2014	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/4/2014	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/5/2015	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/15/2015	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/7/2016	NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-10	4/1/2002	1.900		9		3.7		0.86		NM		NM		NM		NM		NM	
MW-10	6/3/2002	1.500	J	8.8	J	1.8	J	0.7	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
MW-10	4/14/2008	2.000		5.4		0.95		0.89		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
MW-10	8/5/2009	1.450		6.9		1.8		0.564		0.505	U	0.505	U	0.505	U	0.505	U	1.01	U
MW-10	7/12/2011	1.200		13		2.1		0.53		0.521	U	0.521	U	0.521	U	0.521	U	1.04	U
MW-10	4/5/2012	1.360		9		1.2	UBL	0.534		0.51	U	0.51	U	0.51	U	0.51	U	1.02	U
MW-10	11/21/2012	0.710		6.8	*	0.46	J*	0.35		0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U
MW-10	3/27/2013	0.899		6.76		0.683		0.38		0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U
MW-10	6/5/2013	0.427		5.79		0.372		0.181		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U
MW-10	9/5/2013	0.650		8.6	D	0.511		0.307		0.346		0.0026	U	0.00280	U	0.00240	U	0.00961	J
MW-10	12/4/2013	3.120		8.43	D	2.71		1.45		0.064	U	0.051	U	0.04150	U	0.03950	U	0.00725	J
MW-10	3/26/2014	0.315		0.00235	U	0.289		0.147		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U
MW-10	9/3/2014	0.443		7.62	D	0.489		0.189		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-10	3/5/2015	0.243		4.75	DF	0.294	F	0.111		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-10	9/17/2015	0.48		7.1		0.48	P	0.22		0.00700	U	0.0071	U	0.37000	U	0.00350	U	0.00380	U
MW-10	3/7/2016	0.40		6.8		0.38	P	0.18		0.00690	U	0.0070	U	0.00360	U	0.00340	U	0.00370	U
MW-11	4/1/2002	0.100	U	0.1	U	0.1	U	0.1	U	NM		NM		NM		NM		NM	
MW-11	4/16/2008	0.010	U	0.024	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
MW-11	7/14/2011	0.050	U	0.072		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U
MW-11	4/6/2012	0.051	U	0.03	UBL	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U
MW-11	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U
MW-11	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U
MW-11	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-11	12/3/2013	0.008	U	0.00714	U	0.00735	U	0.00714	U	0.01310	U	0.0104	U	0.00847	U	0.00806	U	0.000459	U
MW-11	3/25/2014	0.003	U	0.027		0.00133	U	0.00171	U	0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.001510	U
MW-11	9/3/2014	0.0101	U	0.0181	J	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U
MW-11	3/2/2015	0.0101	UK	0.0108	JKF	0.002	UKF	0.0016	UK	0.00290	UK	0.0026	UK	0.00280	UK	0.00240	UK	0.00430	UK
MW-11	9/14/2015	0.0034	U	0.015	J	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U
MW-11	3/7/2016	0.0033	U	0.0089		0.0073	U	0.0035	U	0.00700	U	0.0071	U	0.00360	U	0.00340	U	0.00370	U

Well ID	Sample Date	4,4'-DDE Conc (µg/L)	Flag	Endrin Conc (µg/L)	Flag	Endosulfan II Conc (µg/L)	Flag	4,4'-DDD Conc (µg/L)	Flag	Endosulfan sulfate Conc (µg/L)	Flag	4,4'-DDT Conc (µg/L)	Flag	Methoxychlor Conc (µg/L)	Flag	Endrin aldehyde Conc (µg/L)	Flag	gamma-Chlordane Conc (µg/L)	Flag	alpha-Chlordane Conc (µg/L)	Flag	Endrin ketone Conc (µg/L)	Flag	Toxaphene Conc (µg/L)	Flag
Site-Specific RRS Values (ug/L)		8.4						12				8.4													
Type RRS		4						4				4													
MW-6	9/1/2001	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-6	4/1/2002	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-6	4/14/2008	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
MW-6	8/4/2009	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	5.05	U	1.01	U	0.505	U	0.505	U	1.01	U	50.5	U
MW-6	7/12/2011	1.05	U	1.05	U	1.05	U	1.05	U	1.05	U	1.05	U	5.26	U	1.05	U	0.526	U	0.526	U	1.05	U	52.6	U
MW-6	4/5/2012	0.505	U	0.505	U	0.505	U	0.505	U	0.505	U	0.505	U	2.53	U	0.505	U	0.253	U	0.253	U	0.505	U	25.3	U
MW-6	11/20/2012	0.0098	U	0.0098	U	0.0049	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0049	U	0.0098	U	0.98	U
MW-6	3/26/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-6	6/5/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-6	9/3/2013	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-6	12/5/2013	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.008	U	0.00556	U
MW-6	3/26/2014	0.0061	U	0.00147	U	0.00179	U	0.00304	U	0.00117	U	0.03500	U	0.0018	U	0.00347	U	0.00494	U	0.00333	U	0.00144	U	0.0777	U
MW-6	9/8/2014	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
MW-6	3/4/2015	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
MW-6	9/16/2015	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
MW-6	3/7/2016	0.0050	U	0.0052	U	0.0041	U	0.0062	U	0.0050	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.04500	U	0.39	U
MW-7	9/1/2001	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-7	6/1/2002	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-7	4/14/2008	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.52	U
MW-7	8/5/2009	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.00823	J	0.101	U	5.05	U
MW-7	3/27/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-7	6/3/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-7	9/4/2013	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-7	12/3/2013	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.008	U	0.00556	U
MW-7	3/26/2014	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
MW-7	9/3/2014	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
MW-7	3/4/2015	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
MW-7	9/16/2015	0.005	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.39	U
MW-7	3/7/2016	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-8	9/2/2001	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-8	4/15/2008	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U
MW-8	7/14/2011	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.25	U	0.25	U	0.5	U	25	U
MW-8	4/5/2012	0.202	U	0.202	U	0.202	U	0.202	U	0.202	U	0.202	U	1.01	U	0.202	U	1.01	U	1.01	U	0.202	U	10.1	U
MW-8	11/20/2012	0.0097	U	0.0097	U	0.0049	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0049	U	0.0049	U	0.0097	U	0.97	U
MW-8	3/26/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-8	6/5/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-8	9/4/2013	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-8	12/5/2013	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.008	U	0.00556	U
MW-8	3/26/2014	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
MW-8	9/8/2014	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
MW-8	3/5/2015	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-8	9/16/2015	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-8	3/7/2016	0.0051	U	0.00520	U	0.00420	U	0.00620	U	0.00510	U	0.00690	U	0.0097	U	0.00660	J	0.03	J	0.09400	U	0.09400	U	0.40	U
MW-9	9/1/2001	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NL	
MW-9	3/25/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	6/5/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/4/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	12/3/2013	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/25/2014	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/4/2014	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/5/2015	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	9/15/2015	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-9	3/7/2016	NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL		NL	
MW-10	4/1/2002	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
MW-10	6/3/2002	0.2	U	0.2	U	0.5	U	0.2	U	0.5	U	0.2	U	0.3	U	0.2	U	0.5	U	0.5	U	NM		2	U
MW-10	4/14/2008	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
MW-10	8/5/2009	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	5.05	U	1.01	U	0.505	U	0.505	U	1.01	U	50.5	U
MW-10	7/12/2011	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	5.21	U	1.04	U	0.521	U	0.521	U	1.04	U	52.1	U
MW-10	4/5/2012	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	5.1	U	1.02	U	5.1	U	5.1	U	1.02	U	51	U
MW-10	11/21/2012	0.0095	U	0.0095	U	0.0048	U	0.0095	U	0.0095	U	0.0095	U	0.0095	U	0.0095	U	0.0048	U	0.0048	U	0.0095	U	0.95	U
MW-10	3/27/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-10	6/5/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-10	9/5/2013	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-10	12/4/2013	0.0405	U	0.05650	U	0.04500	U	0.04150	U	0.04850	U	0.05600	U	0.0525	U	0.04050	U	0.03500	U	0.04050	U	0.03600	U	0.025	U
MW-10	3/26/2014	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
MW-10	9/3/2014	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-10	3/5/2015	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-10	9/17/2015	0.0051	U	0.00530	U	0.00420	U	0.00620	U	0.00510	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
MW-10	3/7/2016	0.0050	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00680	U	0.0096	U	0.00600	U	0.00930	U	0.09300	U	0.00450	U	0.39	U
MW-11	4/1/2002	NM		NM		NM		NM		NM		NM		NM		NM		93		NM		NM		NM	
MW-11	4/16/2008	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
MW-11	7/14/2011	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U
MW-11	4/6/2012	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.51	U	0.51	U	0.102	U	5.1	U
MW-11	3/28/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-11	6/4/2013	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
MW-11	9/3/2013	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-11	12/3/2013	0.00827	U	0.01150	U	0.00918	U	0.00847	U	0.00990	U	0.01140	U	0.0107	U	0.00827	U	0.00714	U	0.00827	U	0.00735	U	0.0051	U
MW-11	3/25/2014	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
MW-11	9/3/2014	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
MW-11	3/2/2015	0.0035	UK	0.00460	UK	0.00450	UK	0.00370	UK	0.00700	UKF	0.00490	UK	0.0288	UK	0.00860	UKF	0.00180	UK	0.00220	UK	0.00450	UK	0.423	UK
MW-11	9/14/2015	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-11	3/7/2016	0.0050	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0096	U	0.00600	U	0.09300	U	0.09300	U	0.00450	U	0.39	U

Table 3-3: Groundwater Pesticides Data Summary

	Test Method SW-846 8081B	alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma-Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
	Site-Specific RRS Values (ug/L)	**0.5**		**1.6**		**0.1**		**2.6**				**0.2**								**8.4**						**12**				**8.4**															
	Type RRS	**4**		**4**		**4**		**4**				**4**								**4**						**4**				**4**															
Well ID	**Sample Date**	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag
MW-12	4/1/2002	**0.390**		**1.3**		**0.43**		**0.18**		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	6/1/2002	**0.400**		**1.4**		**0.3**		**0.1**		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/15/2008	**0.034**		**0.44**		**0.022**	J	**0.024**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	7/14/2011	**0.026**	J	**0.663**		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U
	4/5/2012	**0.017**	J	**0.750**		**0.027**	J	**0.012**	J	0.052	U	0.052	U	0.052	U	0.052	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.515	U	0.103	U	0.052	U	0.052	U	0.103	U	5.15	U
	11/20/2012	**0.013**	J	**0.710**		**0.01**	J	**0.0094**	J	0.005	U	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0097	U	0.0097	U	0.0049	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0049	U	0.0049	U	0.0097	U	0.97	U
	3/26/2013	0.002	U	**0.359**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	**0.037**	J	**0.633**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	**0.015**	J	**0.847**		0.002	U	**0.00783**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.077	U	**0.601**		0.075	U	0.0729	U	0.13300	U	0.106	U	0.08650	U	0.08230	U	0.00469	U	0.0844	U	0.11800	U	0.09380	U	0.08650	U	0.10100	U	0.11700	U	0.109	U	0.08440	U	0.07290	U	0.08440	U	0.07500	U	0.0521	U
	3/26/2014	**0.010**		**0.539**		**0.00532**		**0.0138**		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
	9/2/2014	**0.0227**	J	**0.660**		**0.0093**	J	**0.0107**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/4/2015	0.0101	U	**0.086**	F	0.002	UF	**0.0033**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/16/2015	**0.011**	J	**0.57**		0.0075	U	**0.0062**	J	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
	3/7/2016	**0.0063**	JP	**0.47**		0.0074	U	0.0036		0.0070	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00620	U	0.00510	U	0.00690	U	0.0097	U	0.0060	U	0.0940	U	0.09400	U	0.00460	U	0.40	U
MW-13	4/1/2002	**0.260**		**8**		**0.6**		**0.16**		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	6/1/2002	**0.400**		**11**		**1.4**		**0.5**		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/14/2008	**0.059**		**9**		**0.12**		**0.045**	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U
	8/4/2009	**0.120**	J	**11**		**0.63**	J	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	10.1	U	2.02	U	1.01	U	1.01000	U	2.02	U	101	U
	3/27/2013	0.002	U	**3.37**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
	9/5/2013	**0.052**		**6.36**	D	**0.0849**		**0.0307**	J	**0.454**		0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
	3/26/2014	**0.022**		**4**		**0.032**		**0.0571**		0.0107	U	0.00627	U	0.00276	U	0.00193	U	0.00290	U	0.0116	U	0.00280	U	0.00193	U	0.00579	U	0.00224	U	0.06670	U	0.00343	U	0.00661	U	0.00941	U	0.00633	U	0.00274	U	0.148	U
	9/2/2014	**0.0319**	J	**3.87**	D	**0.0782**		**0.0517**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/5/2015	**0.0206**	J	**3.29**	DF	**0.101**	F	**0.0507**		0.00290	U	0.0026	U	0.00280	U	0.00430	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/16/2015	**0.061**		**3.8**		0.0075	U	**0.049**	J P	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
	3/7/2016	**0.028**	J	**4.5**		**0.0380**	J P	**0.022**	J P	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.02200	U	0.09500	U	0.00460	U	0.40	U
MW-14	4/10/2003	**0.200**		**0.1**		**0.1**	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.2	U	0.2	U	0.5	U	0.2	U	0.5	U	0.2	U	0.3	U	0.2	U	NM		NM		NM		2.0	U
	4/14/2008	0.010	U	**0.18**		**0.004**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/4/2009	0.051	U	**0.028**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.510	U	0.102	U	0.051	U	0.051	U	0.102	U	5.10	U
	7/12/2011	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.505	U	0.102	U	0.051	U	0.051	U	0.102	U	5.10	U
	4/4/2012	0.051	U	**0.011**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051 U	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	3/26/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/5/2013	0.076	U	0.0718	U	0.0738	U	0.0718	U	0.13100	U	0.105	U	0.08510	U	0.08100	U	0.00462	U	0.0831	U	0.11600	U	0.09230	U	0.08510	U	0.09950	U	0.11500	U	0.108	U	0.08310	U	0.07180	U	0.08310	U	0.07380	U	0.0513	U
	3/25/2014	0.003	U	**0.243**		0.00134	U	**0.00702**		0.00562	U	0.00329	U	0.00145	U	0.00101	U	0.00153	U	0.0061	U	0.00147	U	0.00179	U	0.00304	U	0.00117	U	0.03500	U	0.0018	U	0.00347	U	0.00494	U	0.00333	U	0.00144	U	0.0777	U
	9/4/2014	0.0101	U	0.311		0.002	U	**0.0025**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/4/2015	0.0101	U	**0.179**	F	**0.0026**	J F	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/16/2015	**0.0070**	J	**0.39**		0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00370	U	0.0050	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.39	U
	3/7/2016	0.0034	U	**0.13**		0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-15	4/10/2003	**6.800**		**1.1**		**0.7**		**1.3**		0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.2	U	0.2	U	0.5	U	0.2	U	0.5	U	0.2	U	0.3	U	0.2	U	NM		NM		NM		2.0	U
	4/16/2008	**0.058**		**0.37**		**0.007**	J	**0.042**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/5/2009	**0.103**		**0.565**		**0.01**	J	**0.067**		0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	4/5/2012	**0.041**	J	**0.47**		**0.00706**	UBL	0.051	U	**0.066**	J	0.051	U	0.051	U	**0.013**	J	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	3/25/2013	**0.080**		**0.347**		0.0009	U	**0.0418**	J	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	DRY
	6/5/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
	9/4/2013	**0.057**		**0.221**		0.002	U	**0.0245**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	DRY
	12/3/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
	3/26/2014	**0.041**		**0.317**		0.00135	U	**0.0458**		0.00568	U	0.00333	U	0.00147	U	0.00102	U	0.00154	U	0.00616	U	0.00149	U	0.00181	U	0.00307	U	0.00119	U	0.03540	U	0.00182	U	0.00351	U	0.00499	U	0.00336	U	0.00146	U	0.0785	U
	9/5/2014	**0.139**		**0.587**		**0.0174**	J	**0.0865**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/4/2015	**0.0496**	J	**0.262**	F	0.00778	J F	**0.0339**	J	0.00293	U	0.0505	U	0.00283	U	0.00242	U	0.00434	U	0.00354	U	0.00465	U	0.00455	U	0.00374	U	0.00707	UF	0.00495	U	0.0291	U	0.00869	U	0.00182	U	0.00222	U	0.00455	U	0.428	U
	9/15/2015	**0.078**		**0.43**		**0.0078**	J P	**0.040**	J	0.00700	U	0.0071	U	0.00360	U	0.00340	U	0.00370	U	0.005	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0096	U	0.00600	U	0.09300	U	0.09300	U	0.00450	U	0.39	U
	3/7/2016	**0.110**		**0.41**		**0.0130**	J P	**0.065**		0.00690	U	0.0070	U	0.00360	U	0.00340	U	0.00370	U	0.005	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00680	U	0.0096	U	0.00600	U	0.09300	U	0.09300	U	0.00450	U	0.39	U
MW-16	4/10/2003	**11.400**		**0.9**		**0.9**		**2.3**		0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.2	U	0.2	U	0.5	U	0.2	U	0.5	U	0.2	U	0.3	U	0.2	U	NM		NM		NM		2.0	U
	4/16/2008	0.010	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/5/2009	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	7/11/2011	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	4/5/2012	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.057	U	0.115	U	0.115	U	0.115	U	0.115	U	0.115	U	0.115	U	0.115	U	0.575	U	0.115	U	0.575	U	0.575	U	0.115	U	5.75	U
	3/27/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	0.002	U	**0.204**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.076	U	0.0722	U	0.0742	U	0.0722	U	0.13200	U	0.105	U	0.08560	U	0.08140	U	0.00464	U	0.0835	U	0.11600	U	0.09280	U	0.08560	U	0.10000	U	0.11500	U	0.108	U	0.08350	U	0.07220	U	0.08350	U	0.07420	U	0.0515	U
	3/26/2014	0.031	U	0.0235	U	0.0133	U	0.0489	U	0.05560	U	0.0326	U	0.01440	U	0.01000	U	0.01510	U	0.0604	U	0.01460	U	0.01770	U	0.03010	U	0.01160	U	0.34700	U	0.0178	U	0.03440	U	0.04890	U	0.03290	U	0.01430	U	0.769	U
	9/3/2014	0.0101	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.0100	U	0.00228	UF	0.00198	UF	0.00158	U	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	UF	0.00257	U	0.0285	U	0.00851	UF	0.00178	U	0.00218	U	0.00446	U	0.419	U
	9/16/2015	0.0034	U	0.0091	U	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
	3/7/2016	0.0034	U	0.0091	U	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-17	4/16/2008	0.010	U	**0.25**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.51	U
	8/4/2009	**0.017**	J	**0.37**		**0.36**		**0.011**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.101	U	0.051	U	0.101	U	5.05	U
	7/13/2011	0.051	U	**0.42**		0.051	U	**0.0053**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	4/6/2012	0.051	U	**0.013**	UBL	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.101	U	0.051	U	0.101	U	5.05	U
	11/20/2012	**0.010**	J	**0.37**		**0.032**	J	**0.011**	J	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0097	U	0.0097	U	0.0049	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0097	U	0.0049	U	0.0049	U	0.0097	U	0.97	U
	3/26/2013	0.002	U	**0.3**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	0.002	U	**0.388**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.010	U	**0.39**		**0.0162**	J	**0.00748**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	**0.00588**	J	0.00450	U	0.423	U
	12/4/2013	0.077	U	**0.264**		0.0746	U	0.0725	U	0.13300	U	0.106	U	0.08600	U	0.08190	U	0.00466	U	0.0839	U	0.11700	U	0.09330	U	0.08600	U	0.10100	U	0.11600	U	0.109	U	0.08390	U	0.07250	U	0.08390	U	0.07460	U	0.0518	U
	3/27/2014	0.031	U	**0.159**		0.0133	U	0.0171	U	0.05560	U	0.0326	U	0.01440	U	0.01000	U	0.01510	U	0.0604	U	0.01460	U	0.01770	U	0.03010	U	0.01160	U	0.34700	U	0.0178	U	0.03440	U	0.04890	U	0.03290	U	0.01430	U	0.769	U
	9/2/2014	0.010	U	**0.218**		**0.0105**	J	**0.00287**	J	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/3/2015	0.010	U	**0.357**	F	**0.0849**	F	**0.006**	J	0.00290	U	0.0026	U	0.00280	U	0.00430	U	0.00430	U	0.0035	U	0.00446	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/14/2015	0.0034	U	**0.18**		**0.0074**	J P	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00690	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
	3/7/2016	**0.0054**	J P	**0.24**		**0.012**	J P	**0.0053**	J	0.00710	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.40	U

Table 3-3: Groundwater Pesticides Data Summary

Test Method SW-846 8081B		alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE	
Site-Specific RRS Values (ug/L)		0.5		1.6		0.1		2.6				0.2								8.4	
Type RRS		4		4		4		4				4								4	
Well ID	**Sample Date**	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag
MW-18	8/6/2009	0.051	U	**0.375**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U
	7/15/2011	0.050	U	**0.23**		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U	0.1	U
	4/5/2012	0.052	U	**0.4**		0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	**0.025**	J	0.103	U	0.103	U
	3/25/2013	**0.033**	J	**0.882**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U
	6/6/2013	0.002	U	**0.472**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U
	9/4/2013	0.010	U	**0.409**	J	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	**0.00680**	J	0.0035	U
	12/3/2013	0.076	U	**0.463**		0.0742	U	0.0722	U	0.13200	U	0.105	U	0.08560	U	0.08140	U	0.00464	U	0.0835	U
	3/26/2014	0.030	U	**0.356**		0.0127	U	0.0164	U	0.05350	U	0.0313	U	0.01380	U	0.00963	U	0.01450	U	0.0581	U
	9/4/2014	0.010	U	**0.102**		0.00198	U	**0.00327**	J	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U
	3/4/2015	0.010	U	**0.111**	F	0.00198	U	0.00158	U	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U
	9/15/2015	0.0034	U	**0.19**		0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.003800	U	0.005	U
	3/7/2016	0.0034	U	**0.18**		0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U
MW-19	8/6/2009	**0.009**	J	**0.113**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	**0.012**	J	0.101	U	0.101	U
	4/5/2012	0.051	U	**0.036**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	**0.08**		0.101	U	0.101	U
	3/25/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U
	6/6/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U
	9/4/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	12/3/2013	0.076	U	0.0718	U	0.0738	U	0.0718	U	0.13100	U	0.105	U	0.08510	U	0.08100	U	0.00462	U	0.0831	U
	3/27/2014	0.003	U	**0.074**		0.0013	U	**0.0109**		0.00545	U	0.0032	U	0.00141	U	0.00098	U	0.00148	U	0.00592	U
	9/4/2014	0.010	U	**0.0762**		**0.00515**	J	**0.00891**	J	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U
	3/4/2015	0.010	U	**0.0288**	JF	**0.0175**	JF	0.00784	J	0.00291	U	0.00261	U	0.00281	U	0.00241	U	0.004320	U	0.00352	U
	9/15/2015	0.0034	U	**0.010**	J P	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	F1	0.00350	U	0.003800	F2	0.0051	U
	3/7/2016	0.0034	U	**0.058**		0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.003800	U	0.0051	U
MW-20	8/6/2009	**2.500**	U	**25.7**		**2.5**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	5.00	U	5	U
	7/12/2011	**0.460**	J	**16**		**5.9**		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	1.02	U	1.02	U
	4/5/2012	**0.204**	J	**10.4**		**2.4**	UBL	**0.076**	J	0.532	U	0.532	U	0.532	U	0.532	U	1.06	U	1.06	U
	11/21/2012	0.005	U	**1.9**	*	0.0048	U	0.0057	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0096	U
	3/27/2013	**0.079**		**5.48**		**0.392**		**0.0336**	J	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U
	6/6/2013	**0.033**	J	**4.15**		**0.158**		0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U
	9/5/2013	0.010	U	**2.21**	D	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	12/4/2013	0.153	U	**27.7**		**0.148**	U	0.144	U	0.26400	U	0.21	U	0.17100	U	0.16300	U	**0.01880**	J	0.167	U
	3/27/2014	0.031	U	**2.64**		**0.0229**		0.0169	U	0.05510	U	0.0323	U	0.01420	U	0.00991	U	0.01500	U	0.0598	U
	9/3/2014	**0.0803**		**12.4**	D	**0.469**		**0.074**		0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U
	3/5/2015	**0.0106**	J	**4.71**	DF	**0.0521**	F	**0.0171**	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U
	9/17/2015	**0.11**		**13**		**0.98**		**0.034**	J P	0.00700	U	0.0071	U	0.00360	U	0.00350	U	0.003700	U	0.005	U
	3/7/2016	**0.012**	J	**1.3**		**0.018**	J	0.0036	U	0.00710	U	0.0071	U	**0.00810**	J P	0.00350	U	0.003800	U	0.0051	U
MW-21	8/6/2009	**0.576**		**7.46**		**0.5**	U	**0.35**	J	0.5	U	0.5	U	0.5	U	0.5	U	1.0	U	1	U
	7/12/2011	**0.210**	J	**5.8**		**0.42**	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	1.02	U	1.02	U
	4/5/2012	0.115	U	**1.9**		**0.05**	UBL	**0.021**	J	0.115	U	0.115	U	**0.01**	J	0.115	U	0.23	U	0.23	U
	11/21/2012	**0.130**		**6.6**	*	**0.46**	J*	**0.051**		0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0048	U	0.0096	U
	3/27/2013	0.002	U	**0.44**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U
	6/6/2013	0.002	U	**0.414**		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U
	9/3/2013	0.010	U	**0.286**		0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	12/4/2013	0.076	U	**2.53**		0.0742	U	0.0722	U	0.13200	U	0.105	U	0.08560	U	0.08140	U	0.00464	U	0.0835	U
	3/27/2014	0.031	U	**0.856**		0.0133	U	0.0171	U	0.05560	U	0.0326	U	0.01440	U	0.01000	U	0.01510	U	0.0604	U
	9/5/2014	**0.359**		**5.52**	D	**0.574**		**0.280**		0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U	0.00347	U
	3/5/2015	**0.081**		**3.44**	DF	**0.283**	F	**0.088**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	**0.02090**	J	0.0035	U
	9/17/2015	0.0034	U	**1.8**		0.0074	U	**0.0047**	J P	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.005	U
	3/7/2016	0.0034	U	**1.7**		**0.01**	J	0.0036	U	0.00710	U	0.0072	U	**0.00620**	J P	0.00350	U	0.00380	U	0.0051	U
MW-22	4/5/2012	**1.520**	J	**33.2**		**6.4**	UBL	**0.705**	J	2.53	U	2.53	U	2.53	U	2.53	U	5.05	U	5.05	U
	11/20/2012	**1.300**	*	**24.4**	**	**2.6**	*	**0.54**		0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0098	U
	3/27/2013	**1.090**		**18.8**		**0.818**		**0.776**		0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U
	6/6/2013	**0.833**		**31.7**		**1.79**		**0.446**		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U
	9/5/2013	**1.100**	D	**33.7**	DX	**0.725**		**0.382**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	**0.0521**	J	0.0035	U
	12/5/2013	**0.999**		**37.4**	X	**1.39**		**0.489**		0.2610	U	0.208	U	0.1690	U	0.1610	U	**0.03040**	J	0.165	U
	3/27/2014	**0.284**		**14.3**		**0.212**		**0.166**		0.0535	U	0.0313	U	0.0138	U	0.0096	U	0.01450	U	0.0581	U
	9/5/2014*[4]	**1.01**	D	**37.098**	D	**22.4**	D	**0.365**		0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U	0.00347	U
	3/6/2015	**0.48**		**21.6**	DF	**9.53**	DF	**0.204**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	9/17/2015	**0.58**		**32**		**4.5**		**0.28**	F1	0.00660	U	0.0067	U	**0.021**	J P	0.00330	U	**0.048**	P	0.0048	U
	3/7/2016	**0.61**		**19**		**1.9**	J	**0.35**		0.00700	U	0.0071	U	0.0037	U	0.00350	U	0.0038	U	0.0051	U
MW-23	9/5/2014	**0.0227**	J	**5.17**	D	**0.0174**	J	**0.0517**		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	3/5/2015	**0.0189**	J	**4.63**	DF	**0.0316**	JF	**0.0528**		0.00290	U	0.0026	U	0.00290	U	0.00430	U	0.00430	U	0.0035	U
	9/17/2015	**0.012**	J	**4.5**		**0.011**	J	**0.051**	P	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.005	U
	3/7/2016	**0.017**	J	**5.1**		**0.011**	J P	**0.048**	J	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U
MW-24	3/3/2015	0.0101	U	**0.0041**	JF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U
	9/14/2015	0.0034	U	**0.009**	U	0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.00380	U	0.005	U
	3/7/2016	0.0034	U	0.0091	U	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U

Test Method SW-846 8081B		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma-Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
Site-Specific RRS Values (ug/L)						12				8.4													
Type RRS						4				4													
Well ID	**Sample Date**	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag
MW-18	8/6/2009	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	7/15/2011	0.1	U	0.1	U	0.1	U	0.100 U	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U
	4/5/2012	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.515	U	0.103	U	0.052	U	0.052	U	0.103	U	5.15	U
	3/25/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.11600	U	0.09280	U	0.08560	U	0.10000	U	0.11500	U	0.108	U	0.08350	U	0.07220	U	0.08350	U	0.07420	U	0.0515	U
	3/26/2014	0.01400	U	0.01700	U	0.02890	U	0.01120	U	0.33300	U	0.0171	U	0.03310	U	0.04700	U	0.48100	U	0.01370	U	0.74	U
	9/4/2014	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	UX	0.00218	U	0.00446	U	0.419	U
	3/4/2015	0.00455	U	0.00446	U	0.00366	U	0.00693	UF	0.00485	U	0.0285	U	0.00851	UF	0.00178	U	0.00218	U	0.00446	U	0.419	U
	9/15/2015	0.00520	U	0.00420	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
	3/7/2016	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-19	8/6/2009	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	4/5/2012	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	3/25/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.11600	U	0.09230	U	0.08510	U	0.09950	U	0.11500	U	0.108	U	0.08310	U	0.07180	U	0.08310	U	0.07380	U	0.0513	U
	3/27/2014	0.00143	U	0.00174	U	0.00295	U	0.00114	U	0.03400	U	0.00175	U	0.00337	U	0.00480	U	0.00323	U	0.00140	U	0.0754	U
	9/4/2014	0.00455	U	0.00446	U	0.00366	U	..00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/4/2015	0.00462	U	0.00452	U	0.00372	U	0.00704	UF	0.00492	U	0.0289	U	0.00864	UF	0.00181	U	0.00221	U	0.00452	U	0.425	U
	9/15/2015	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
	3/7/2016	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-20	8/6/2009	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	25	U	5.00	U	2.5	U	2.5	U	5.00	U	250	U
	7/12/2011	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	5.1	U	1.02	U	0.051	U	0.051	U	1.02	U	51	U
	4/5/2012	1.06	U	1.06	U	1.06	U	**0.103**	J	1.06	U	0.532	U	1.06	U	0.532	U	0.532	U	1.06	U	53.2	U
	11/21/2012	0.0096	U	0.0048	U	0.0096	U	0.0096	U	0.0096	U	0.0096	U	0.0096	U	0.0048	U	0.0048	U	0.0096	U	0.96	U
	3/27/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/5/2013	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.23300	U	0.18600	U	0.17100	U	0.20000	U	0.23100	U	0.216	U	0.16700	U	0.14400	U	0.16700	U	0.14800	U	0.103	U
	3/27/2014	0.01440	U	0.01750	U	0.02980	U	0.01150	U	0.34300	U	0.0176	U	0.03410	U	0.04840	U	0.03260	U	0.01410	U	0.762	U
	9/3/2014	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/5/2015	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/17/2015	0.00520	U	0.00410	U	0.00620	U	**0.0092**	J P	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	**0.012**	J	0.39	U
	3/7/2016	0.00530	U	0.00420	U	0.00630	U	0.0051	U	0.00700	U	0.0097	U	0.00610	U	0.94000	U	0.09400	U	0.0046	U	0.40	U
MW-21	8/6/2009	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	5.0	U	1.00	U	0.5	U	0.5	U	1.00	U	50	U
	7/12/2011	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	5.1	U	1.02	U	0.051	U	0.051	U	1.02	U	51	U
	4/5/2012	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	1.15	U	0.23	U	0.115	U	0.115	U	0.23	U	11.5	U
	11/21/2012	0.0096	U	0.0048	U	0.0096	U	0.0096	U	0.0096	U	0.0096	U	0.0096	U	0.0048	U	0.0048	U	0.0096	U	0.96	U
	3/27/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.11600	U	0.09280	U	0.08560	U	0.10000	U	0.11500	U	0.108	U	0.08350	U	0.07220	U	0.08350	U	0.07420	U	0.0515	U
	3/27/2014	0.01460	U	0.01770	U	0.03010	U	0.01160	U	0.34700	U	0.0178	U	0.03440	U	0.04890	U	0.03290	U	0.01430	U	0.769	U
	9/5/2014	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/5/2015	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/17/2015	0.00520	U	**0.013**	J	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.40	U
	3/7/2016	0.00530	U	0.0042	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-22	4/5/2012	5.05	U	5.05	U	5.05	U	5.05	U	5.05	U	25.3	U	5.05	U	5.05	U	2.53	U	5.05	U	253	U
	11/20/2012	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0049	U	0.0098	U	**3.7**	
	3/27/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	**0.0022**		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/5/2013	**0.0637**	J	0.00450	U	**0.0388**	J	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/5/2013	0.2310	U	0.1840	U	0.1690	U	0.1980	U	0.2290	U	0.2140	U	0.1650	U	0.1430	U	0.1650	U	0.1470	U	0.1020	U
	3/27/2014	0.0140	U	0.0170	U	0.0289	U	0.0112	U	0.3330	U	0.0171	U	0.0331	U	0.0470	U	0.0317	U	0.0137	U	0.7400	
	9/5/2014*[4]	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/6/2015	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/17/2015	0.00490	F1	0.00390	F1	0.00590	U	0.00480	U	0.00650	F1	0.0091	F1	0.00570	U	0.08900	U	0.08900	U	**0.056**		**4.7**	
	3/7/2016	0.00530	U	0.00420	U	0.00620	U	**0.02800**	J	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	**0.041**	J	0.40	U
MW-23	9/5/2014	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/5/2015	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00460	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/17/2015	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.40	U
	3/7/2016	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-24	3/3/2015	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/14/2015	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.09400	U	0.00450	U	0.39	U
	3/7/2016	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U

Sources: Analytical results from March 2013 to March 2016 are from samples directly collected by EIC. Historical data prior to March 2013 from CH2MHill 2008, 2009, and 2012 Groundwater Reports and Law Engineering 2001-2003 Compliance Status Reports and Addendums

Notes:

MNA = Monitored Natural Attenuation.
RRS = Risk Reduction Standard.
TOC = Total Organic Carbon.
ug/L = Micrograms per liter.
mg/L = Milligrams per liter.
NA = Not Applicable.
18.8 = Results exceeds RRS.

1.60 = Results above detection limit.
J = Target analyte concentration was positively identified below the quantitation limit and above the detection limit.
U = Analyte was not detected.
UBL = Value not certain because of detection in equipment blank.
D = The sample was diluted due to targets detected over the highest point of the calibration curve
X = A laboratory QC deficiency was observed in quality control review of data
F = Relative percent difference exceeded lab control limits
P = The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F1 = MS and/or MSD recovery is outside acceptance limits
F2= MS/MSD RPD exceeds control limits

NL = Well not located
NS = Well not sampled
NM = Contaminant not measured.
DRY = Well was dry and therefore could not be sampled
*= Results from Run #2.
**= Results from Run #3.
***= Primary and confirmation results differ by more than 40%. Lower value reported due to possible correlation.
*[4] = Result for beta-BHC was adjusted based on tubing rinsate sample, see Xenco lab report number 492804

Table 3-4: Historical Groundwater Potentiometric Surface Elevations

Well ID # (Well Diameter, in.)	Current TOC Elevation (ft.)	Groundwater Potentiometric Surface Elevation (ft.)																MW Min.*	MW Max.*	MW Range*	MW Avg.*	MW Var.*
		Aug-99	Sep-01	Apr-02	Apr-08	Aug-09	Jul-11	Apr-12	Mar-13	Jun-13	Sep-13	Dec-13	Mar-14	Sep-14	Mar-15	Sep-15	Mar-16					
MW-1 (2)	105.22	NM	NM	NM	79.59	78.22	76.32	77.48	79.63	78.07	79.60	78.00	79.77	77.51	79.11	77.29	80.27	76.32	80.27	3.95	78.53	1.46
MW-1A (2)	105.33	76.54	77.22	77.38	79.57	78.47	76.33	77.48	79.62	78.06	79.58	77.97	79.88	77.50	79.11	77.29	80.26	76.33	80.26	3.93	78.27	1.57
MW-2 (2)	98.86	76.48	77.13	77.36	79.45	78.16	78.25	NM	79.54	77.97	79.41	77.89	79.83	77.39	78.98	77.20	80.16	76.48	80.16	3.68	78.35	1.30
MW-3 (2)	97.12	76.42	77.11	77.39	NL	NL	NL	NL	NL	NL	79.20	77.78	79.69	77.28	78.95	77.19	79.92	76.42	79.92	3.50	78.09	1.52
MW-4U (2)	103.51	NI	77.12	77.3	79.64	78.36	NM	77.51	79.60	78.16	79.59	77.98	79.81	77.55	78.99	77.25	80.28	77.12	80.28	3.16	78.51	1.23
MW-5A (2)	96.67	NI	NM	NM	78.96	77.91	76.35	77.32	79.12	77.71	79.07	77.71	79.38	77.24	78.94	77.22	79.67	76.35	79.67	3.32	78.20	1.08
MW-5D (2)	96.12	NI	77.1	77.36	78.40	77.92	76.37	77.36	79.16	77.77	79.10	77.76	79.36	77.31	78.94	77.24	79.66	76.37	79.66	3.29	78.05	0.97
MW-6 (2)	102.25	NI	77.17	77.7	79.24	78.70	76.40	77.46	79.53	77.87	79.25	77.81	79.59	77.39	78.96	77.30	79.93	76.40	79.93	3.53	78.29	1.17
MW-7 (2)	98.1	NI	77.09	77.49	79.74	78.50	DRY	77.56	79.67	78.11	79.75	78.19	80.01	77.58	79.41	77.42	80.38	77.09	80.38	3.29	78.64	1.31
MW-8 (2)	93.54	NI	76.6	77.4	78.75	77.79	76.34	77.25	78.64	77.52	78.88	77.69	79.20	77.22	78.90	77.18	79.49	76.34	79.49	3.15	77.92	0.96
MW-9 (2)	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NA	NA	NA	NA	NA	NA
MW-10 (2)	99.83	NI	NI	77.45	79.75	78.52	76.33	77.58	79.72	78.10	79.76	78.12	80.07	77.58	79.08	77.51	80.22	76.33	80.22	3.89	78.56	1.47
MW-11 (2)	100.87	NI	NI	77.46	79.88	76.67	79.57	77.6	79.83	78.16	79.83	78.1	80.1	77.58	79.50	77.39	80.47	76.67	80.47	3.80	78.72	1.61
MW-12 (2)	94.06	NI	NI	77.35	78.23	77.39	76.25	76.88	78.39	77.06	78.14	77.36	78.51	76.80	78.66	76.83	78.93	76.25	78.93	2.68	77.63	0.70
MW-13 (2)	93.55	NI	NI	77.38	78.10	77.13	DRY	DRY	78.53	76.98	77.87	76.98	78.31	76.58	78.47	76.71	79.09	76.58	79.09	2.51	77.68	0.68
MW-14 (2)	102.11	NI	NI	NI	79.30	78.16	76.36	77.45	78.72	76.72	78.97	77.95	78.59	76.86	79.11	77.33	79.97	76.36	79.97	3.61	78.11	1.24
MW-15 (2)	98.13	NI	NI	NI	78.88	78.01	DRY	77.40	79.24	78.10	79.18	78.10	79.35	77.37	78.93	77.30	79.67	77.30	79.67	2.37	78.46	0.72
MW-16 (2)	97.15	NI	NI	NI	79.66	78.50	76.45	77.56	79.73	78.18	79.91	78.12	79.99	77.71	79.22	77.50	80.35	76.45	80.35	3.90	78.68	1.46
MW-17 (2)	93.65	NI	NI	NI	79.03	77.90	76.24	75.26	79.17	77.58	79.04	77.80	79.30	77.25	79.12	77.23	79.72	75.26	79.72	4.46	78.05	1.78
MW-18 (2)	95.56	NI	NI	NI	NI	78.15	76.43	77.42	79.39	77.91	79.42	77.92	79.56	77.43	79.02	77.38	79.93	76.43	79.93	3.50	78.33	1.22
MW-19 (2)	96.6	NI	NI	NI	NI	78.07	76.35	77.35	79.40	77.80	79.47	77.89	79.68	77.39	79.06	77.30	79.97	76.35	79.97	3.62	78.31	1.35
MW-20 (2)	96.57	NI	NI	NI	NI	78.48	76.38	77.49	79.68	78.08	79.73	78.08	79.93	77.57	79.29	77.47	80.36	76.38	80.36	3.98	78.55	1.53
MW-21 (2)	97.55	NI	NI	NI	NI	78.41	76.34	77.53	79.71	78.05	79.79	78.08	79.98	77.53	79.36	77.44	80.36	76.34	80.36	4.02	78.55	1.60
MW-22 (2)	98.88	NI	NI	NI	NI	NI	NM	77.47	79.74	78.10	79.75	78.12	79.96	77.57	79.28	77.50	80.43	77.47	80.43	2.96	78.79	1.33
MW-23 (2)	93.61	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	77.03	78.73	76.98	79.17	76.98	79.17	2.19	77.98	1.29
MW-24 (2)	93.07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	78.72	76.86	79.03	76.86	79.03	2.17	78.20	1.38
Event Min.*[2]		76.42	76.60	77.30	78.10	76.67	76.24	75.26	78.39	76.72	77.87	76.98	78.31	76.58	78.47	76.71	78.93	**Global Min.*[3]**		75.26		
Event Max.*[2]		76.54	77.22	77.70	79.88	78.70	79.57	77.60	79.83	78.18	79.91	78.19	80.10	77.71	79.50	77.51	80.47	**Global Max.*[3]**		80.47		
Event Range*[2]		0.12	0.62	0.40	1.78	2.03	3.33	2.34	1.44	1.46	2.04	1.21	1.79	1.13	1.03	0.80	1.54	**Global Range*[3]**		5.21		
Event Avg.*[2]		76.48	77.07	77.42	79.19	78.07	76.65	77.32	79.35	77.82	79.32	77.89	79.56	77.34	79.03	77.25	79.91	**Global Avg.*[3]**		78.10		
Event Var.*[2]		0.00	0.04	0.01	0.31	0.25	0.78	0.26	0.19	0.17	0.27	0.08	0.26	0.08	0.06	0.04	0.22	**Global Var.*[3]**		1.26		

Notes:

NI - Not Installed

NL - Not Located

NA - Not Applicable

*** = Event Min, Max, Range, Avg., and Var.** - are the minimum, maximum, range, average, and total variance for each respective groundwater gauging event.

***[2] = MW Min., Max., Range, Avg., and Var.** - are the minimum, maximum, range, average, and total variance for each monitoring well throughout all gauging events from March 2013 to March 2016 where available.

***[3]= Global Min., Max., Range, Avg., and Var.** - are the minimum, maximum, range, average, and total variance for all monitoring wells throughout all events from March 2013 to March 2016

Groundwater elevations prior to March 2013 are derived from historical groundwater monitoring reports by previous consultants

Top of casing (TOC) elevations are based on the most recent survey by Donaldson Garrett and Associates in April 2015

Table 4-1: Mixing Model Initial Groundwater Concentrations

Constituents of Concern	Leading Edge Concentration, C_{gw1} (µg/L)	Maximum Concentration Recorded During the March 2016 Sampling Event C_{gw2} (µg/L)	Maximum Concentration Ever Recorded at the Site C_{gw3} (µg/L)
Alpha-BHC	1.70E-02	7.70E-01	2.05E+01
Beta-BHC	5.10E+00	1.90E+01	3.74E+01
Delta-BHC	1.10E-02	1.90E+00	2.24E+01
Gamma-BHC (Lindane)	4.80E-02	3.50E-01	2.66E+00

Notes:

Leading edge is assumed to be the concentration at MW-23 derived from the EIC March 2016 groundwater sampling results, recorded in the Seventh VIRP Semi-annual Report, Table 3-3

Maximum Site Concentration March 2016 is the highest observed concentration for each constituent at the site during the March 2016 groundwater sampling event, recorded in the Seventh VIRP Semi-annual Report, Table 3-3

Maximum Concentration Ever Recorded is the maximum concentration of each constituent recorded at any well for any event as reported in the Seventh VIRP Semi-annual Report, Table 3-3

Table 4-2: Modeled Downstream River Concentrations Under Average River Flow Conditons Compared to Water Quality Standards

Constituents of Concern	Georgia Instream Water Quality Standards (µg/L)*	National Primary Drinking Water Standards (µg/L)*[2]	Estimated Downstream River Concentrations		
			Utilizing Leading Edge C_{gw1}, C_{Rd1} (µg/L)	Utilizing Event Maximum C_{gw2}, C_{Rd2} (µg/L)	Utilizing Maximum Recorded C_{gw3}, C_{Rd3} (µg/L)
Alpha-BHC	4.90E-03	NA	1.02E-07	4.64E-06	1.24E-04
Beta-BHC	1.70E-02	NA	3.07E-05	1.15E-04	2.25E-04
Delta-BHC	NA	NA	6.63E-08	1.15E-05	1.35E-04
Gamma-BHC	1.80E+00	2.00E-01	2.89E-07	2.11E-06	1.60E-05

Notes:

Downstream river concentrations are based on the mixing formula below. The formula assumes that the groundwater flow discharging to the river from the entire length of the site is uniformly contaminated at each of the respective groundwater concentrations (Cgw).

NA = not applicable

$$C_{Rd} = C_{gw} * \left(\frac{Q_{gw}}{Q_{gw} + Q_{Ru}} \right) = C_{gw} * DF_{avg} \text{ , where } DF_{avg} = 6.03 * 10^{-6}$$

* EPD 2013. *Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03*. Atlanta, Georgia. August 27, 2013. Standards considered under average river flow conditions per Chapter 4.e.iv

*[2] EPA, 2009. National Primary Drinking Water Regulations. Washington, DC. May 2009

Table 4-3: Modeled Downstream River Concentrations Under 1Q10 River Flow Conditions Compared to Water Quality Standards

Constituents of Concern	Georgia Instream Water Quality Standards (µg/L)*	National Primary Drinking Water Standards (µg/L)*[2]	Estimated Downstream River Concentrations		
			Utilizing Leading Edge C_{gw1}, C_{Rd1} (µg/L)	Utilizing Event Maximum C_{gw2}, C_{Rd2} (µg/L)	Utilizing Maximum Recorded C_{gw3}, C_{Rd3} (µg/L)
Gamma-BHC	9.50E-01	2.00E-01	1.97E-06	1.44E-05	1.09E-04

Notes:

Downstream river concentrations are based on the mixing formula below. The formula assumes that the groundwater flow discharging to the river from the entire length of the site is uniformly contaminated at each of the respective groundwater concentrations (Cgw).

$$C_{Rd} = C_{gw} * \left(\frac{Q_{gw}}{Q_{gw} + Q_{Ru}} \right) = C_{gw} * DF_{1Q10}, where\ DF_{1Q10} = 4.10 * 10^{-5}$$

* EPD 2013. *Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03*. Atlanta, Georgia. August 27, 2013. Standards considered under 1Q10 river flow conditions per Chapter 4.e.ii

*[2] EPA, 2009. National Primary Drinking Water Regulations. Washington, DC. May 2009

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

FIGURES

Legend

- MONITORING WELL
- STILLING WELL
- MW-18 MONITORING WELL ID
- N.L. NOT LOCATED

SITE FEATURES

- BULKHEAD
- NORTH AND SOUTH PARCEL DIVISION
- BAINBRIDGE PARCEL LINES
- PIER

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400

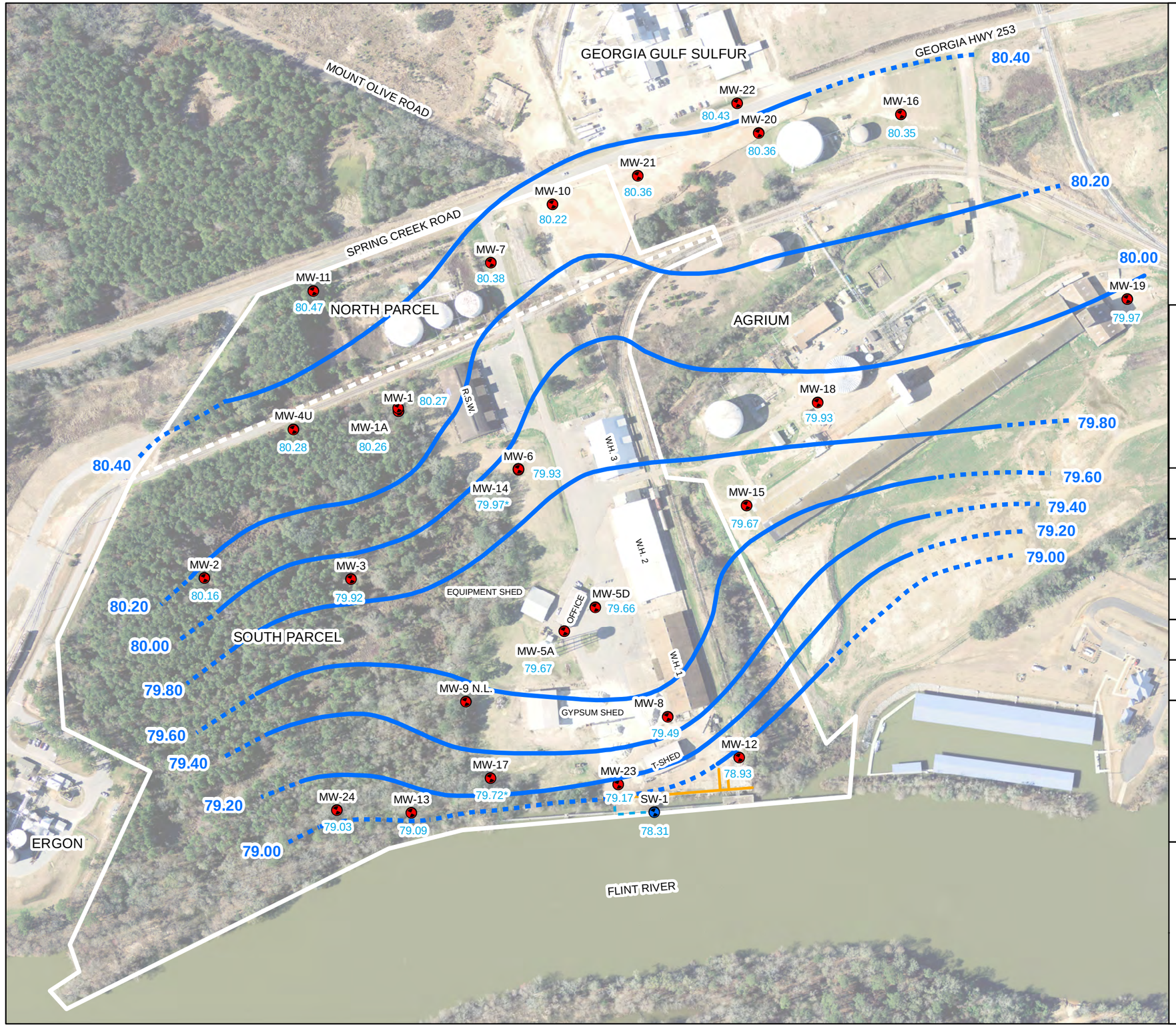
Feet

DESIGNED BY: W.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/17/2015
DRAWN BY: W.G.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-1: SITE MAP

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009



Legend

MONITORING WELL

STILLING WELL

MW-18 MONITORING WELL ID

N.L. NOT LOCATED

SITE FEATURES

BULKHEAD

NORTH AND SOUTH PARCEL DIVISION

BAINBRIDGE PARCEL LINES

PIER

GROUNDWATER CONTOURS

CONTOUR (0.2 FT.)

ESTIMATED CONTOUR

79.80 GROUNDWATER CONTOUR ELEVATION (FT., NAVD 88)

79.92 GROUNDWATER ELEVATION (FT., NAVD 88)

* GROUNDWATER ELEVATION NOT CONSIDERED AS WELL IS SCREENED GREATER THAN 50 FEET BELOW GROUND SURFACE

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400

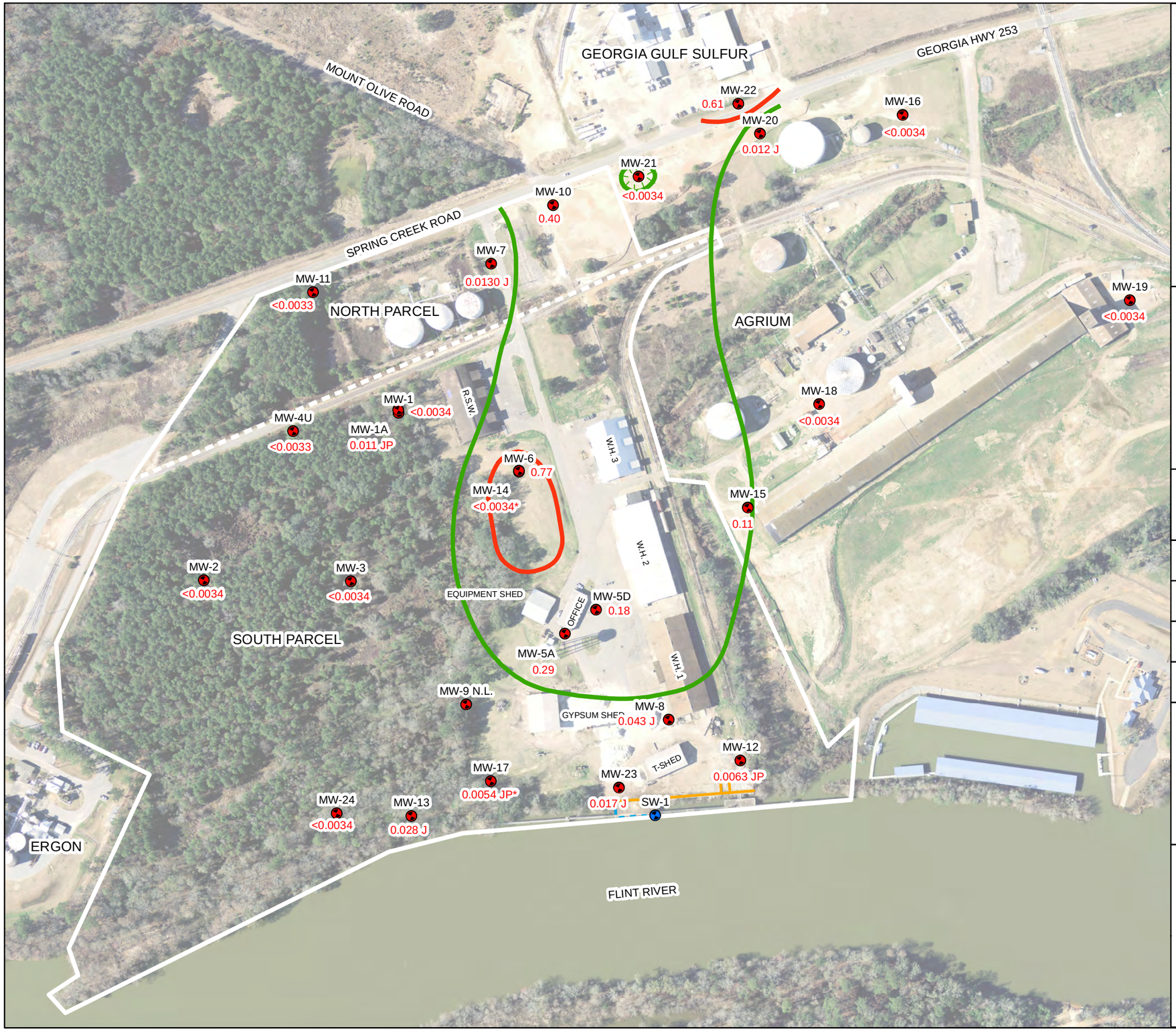
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/22/2016
DRAWN BY: A.G.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 3-2: MARCH 2016 GROUNDWATER POTENTIOMETRIC SURFACE MAP

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009



Legend

- MONITORING WELL
- STILLING WELL
- MW-18 MONITORING WELL ID
- N.L. NOT LOCATED

SITE FEATURES

- BULKHEAD
- NORTH AND SOUTH PARCEL DIVISION
- BAINBRIDGE PARCEL LINES
- PIER

ALPHA-BHC CONCENTRATIONS CONTOURS

- DELINIATION CRITERION OF 0.1 µg/L
- RRS TYPE 4 OF 0.5 µg/L

CONCENTRATIONS

- <0.0034 CONCENTRATION IN µg/L
- <0.0034* CONCENTRATION NOT CONSIDERED IN CONTOURS FOR DEEP WELLS (SCREENED BELOW 50 FT BGS)
- J CONCENTRATION BELOW QUANTITATION LIMIT AND ABOVE DETECTION LIMIT
- P THE %RPD BETWEEN THE PRIMARY CONFIRMATION COLUMN/DETECTOR IS >40%. THE LOWER VALUE HAS BEEN REPORTED

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400 Feet

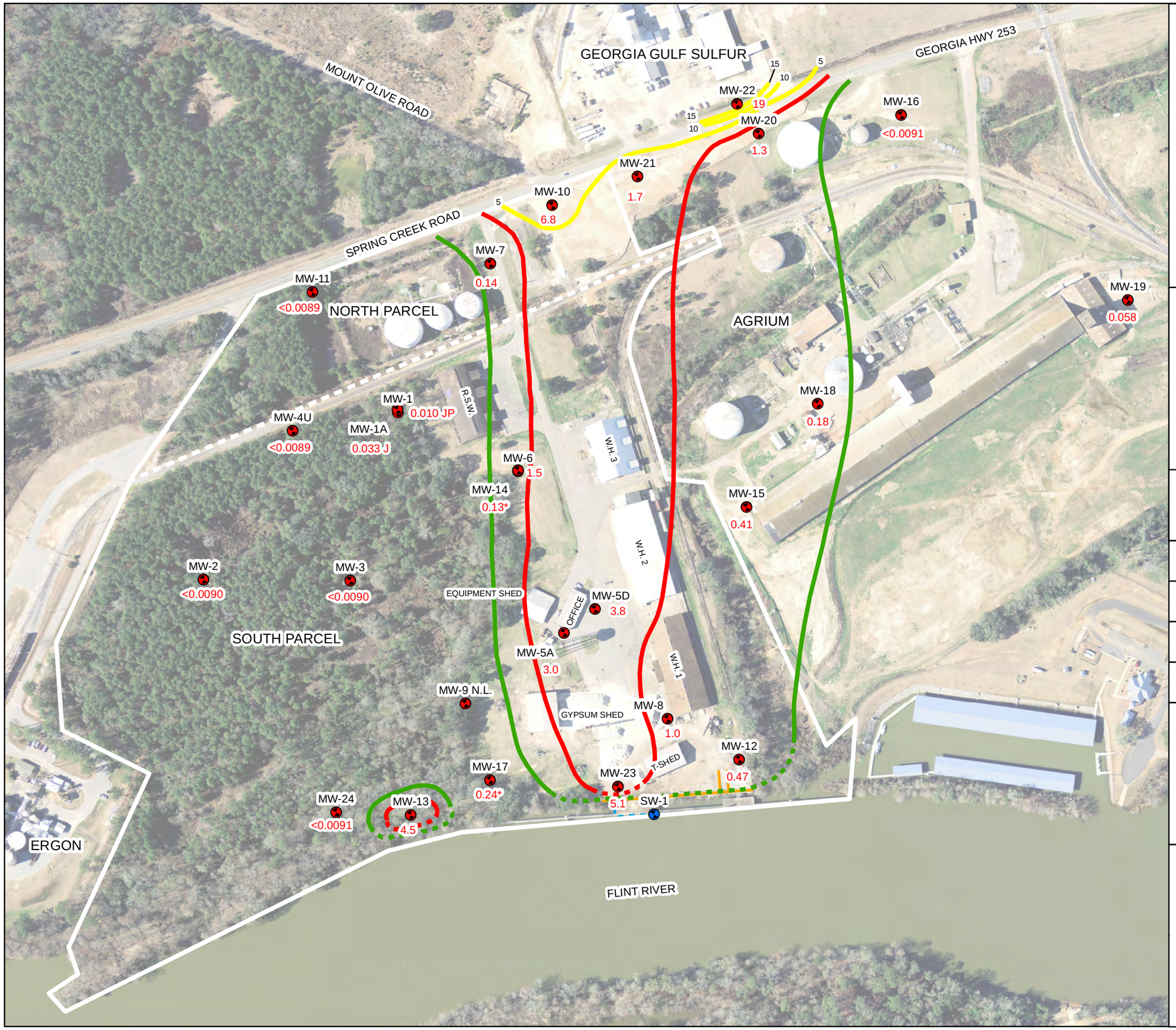
DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/28/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 3-3: MARCH 2016 ALPHA-BHC ISOCONCENTRATION MAP

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009

FILE: 400007 - 4.5 - GPA BAINBRIDGE



Legend

- MONITORING WELL
- STILLING WELL
- MW-18 MONITORING WELL ID
- N.L. NOT LOCATED

SITE FEATURES

- BULKHEAD
- NORTH AND SOUTH PARCEL DIVISION
- BAINBRIDGE PARCEL LINES
- PIER

BETA-BHC CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 0.1 µg/L
- RRS TYPE 4 OF 1.6 µg/L
- BETA BHC CONTOURS (5 µg/L INTERVAL)

CONCENTRATIONS

- 0.57 CONCENTRATION IN µg/L
- 0.24* CONCENTRATION NOT CONSIDERED IN CONTOURS FOR DEEP WELLS (SCREENED BELOW 50 FT BGS)
- J CONCENTRATION BELOW QUANTITATION LIMIT AND ABOVE DETECTION LIMIT
- P THE %RPD BETWEEN THE PRIMARY CONFIRMATION COLUMN/DETECTOR IS >40%. THE LOWER VALUE HAS BEEN REPORTED

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400 Feet

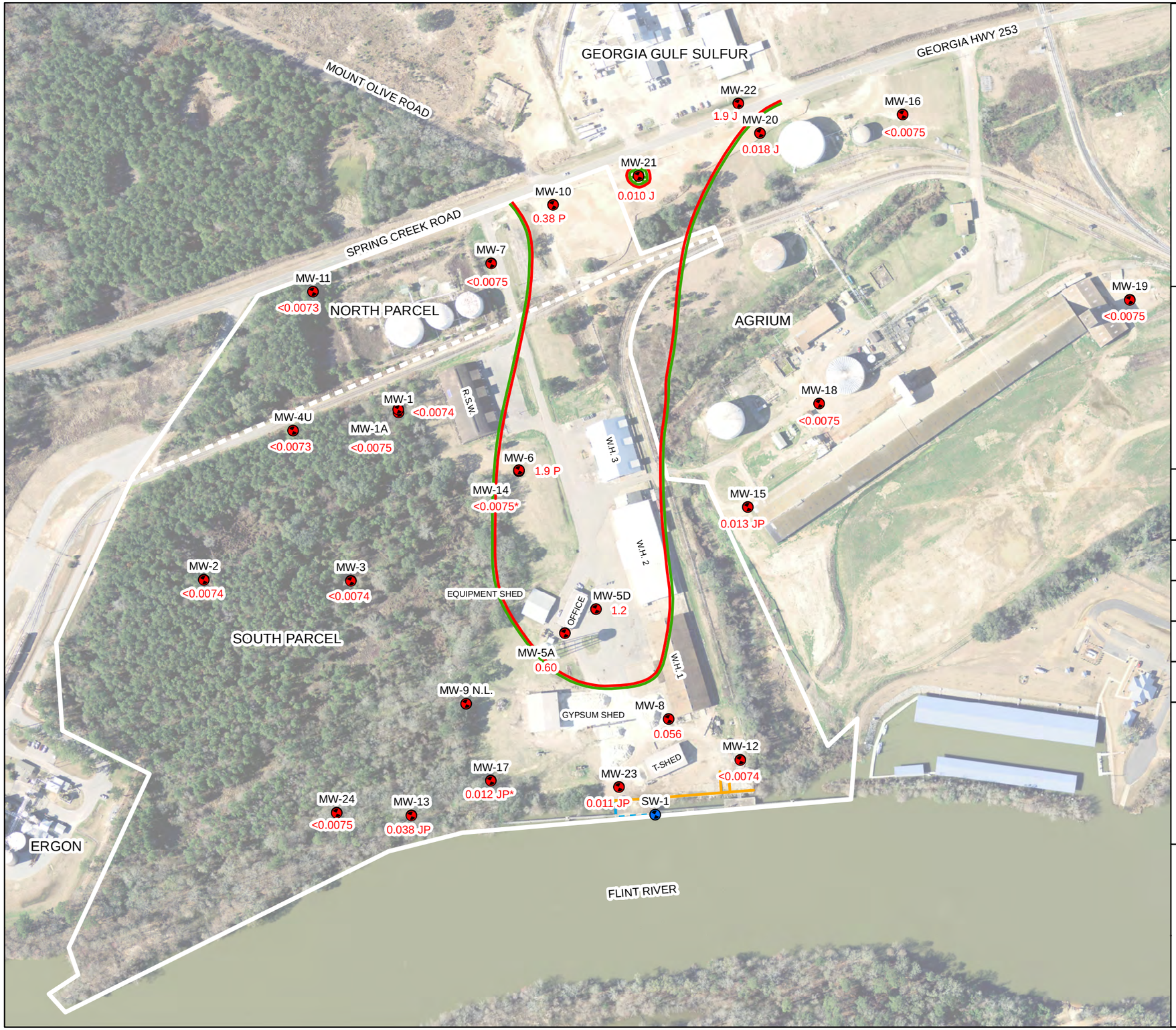
DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/22/2016
DRAWN BY: A.G.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-4: MARCH 2016 BETA-BHC ISOCONCENTRATION MAP

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009

FILE: 400007 - 4.5 - GPA BAINBRIDGE



Legend

MONITORING WELL

STILLING WELL

MW-18 MONITORING WELL ID

N.L. NOT LOCATED

SITE FEATURES

BULKHEAD

NORTH AND SOUTH PARCEL DIVISION

BAINBRIDGE PARCEL LINES

PIER

DELTA-BHC CONCENTRATIONS CONTOURS

DELINIATION CRITERION OF 0.1 µg/L

RRS TYPE 4 OF 0.1 µg/L

CONCENTRATIONS

4.5	CONCENTRATION IN µg/L
<0.0075*	CONCENTRATION NOT CONSIDERED IN CONTOURS FOR DEEP WELLS (SCREENED BELOW 50 FT BGS)
J	CONCENTRATION BELOW QUANTITATION LIMIT AND ABOVE DETECTION LIMIT
P	THE %RPD BETWEEN THE PRIMARY CONFIRMATION COLUMN/DETECTOR IS >40%. THE LOWER VALUE HAS BEEN REPORTED.

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400

Feet

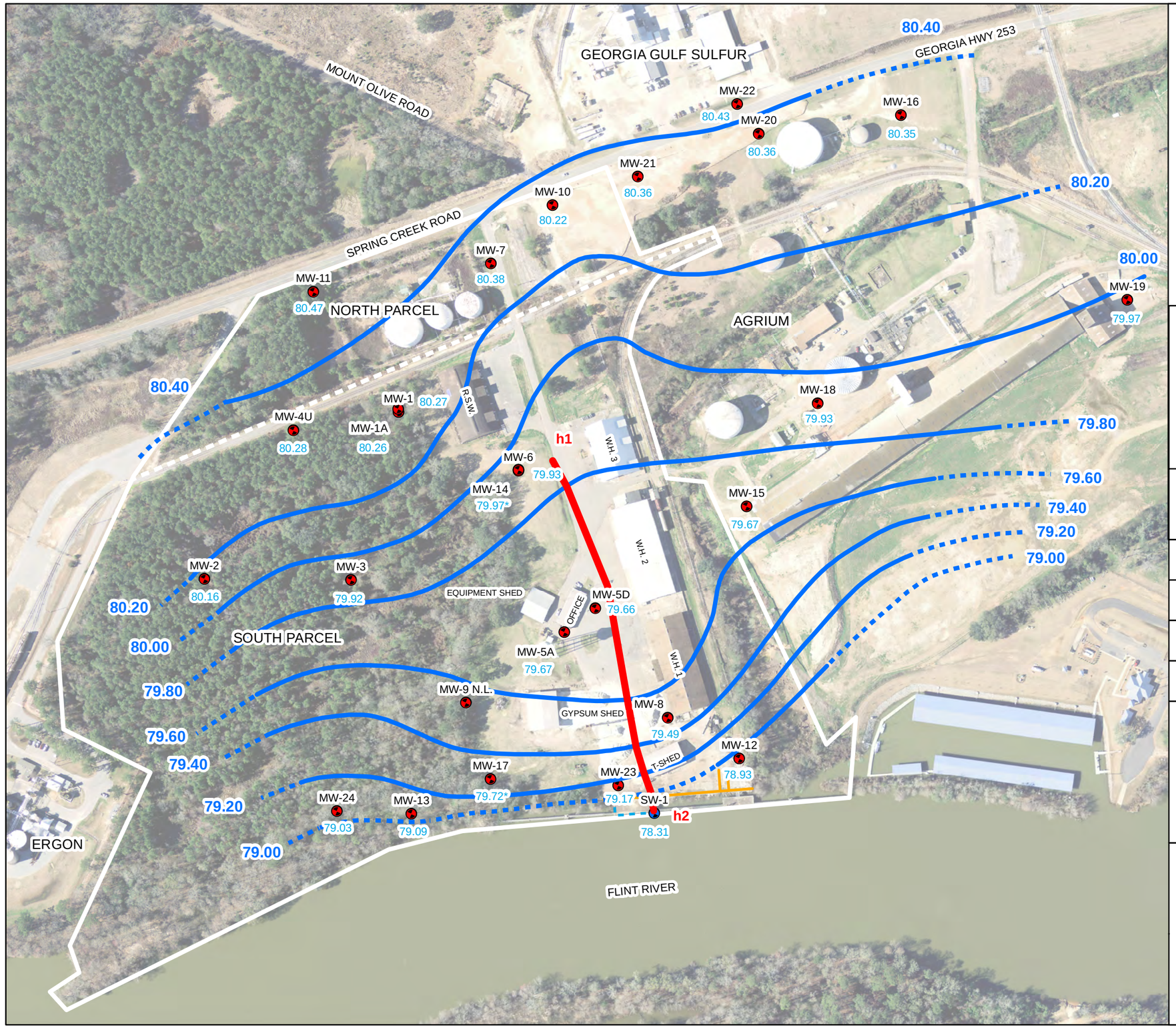
DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/22/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 3-5: MARCH 2016 DELTA-BHC ISOCONCENTRATION MAP

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009

FILE: 400007 - 4.5 - GPA BAINBRIDGE



Legend

MONITORING WELL

STILLING WELL

MW-18 MONITORING WELL ID

N.L. NOT LOCATED

SITE FEATURES

BULKHEAD

NORTH AND SOUTH PARCEL DIVISION

BAINBRIDGE PARCEL LINES

PIER

GROUNDWATER CONTOURS

CONTOUR (0.2 FT.)

ESTIMATED CONTOUR

79.80 GROUNDWATER CONTOUR ELEVATION (FT., NAVD 88)

79.92 GROUNDWATER ELEVATION (FT., NAVD 88)

* GROUNDWATER ELEVATION NOT CONSIDERED AS WELL IS SCREENED GREATER THAN 50 FEET BELOW GROUND SURFACE

MODEL FLOW PATH

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY.
WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400

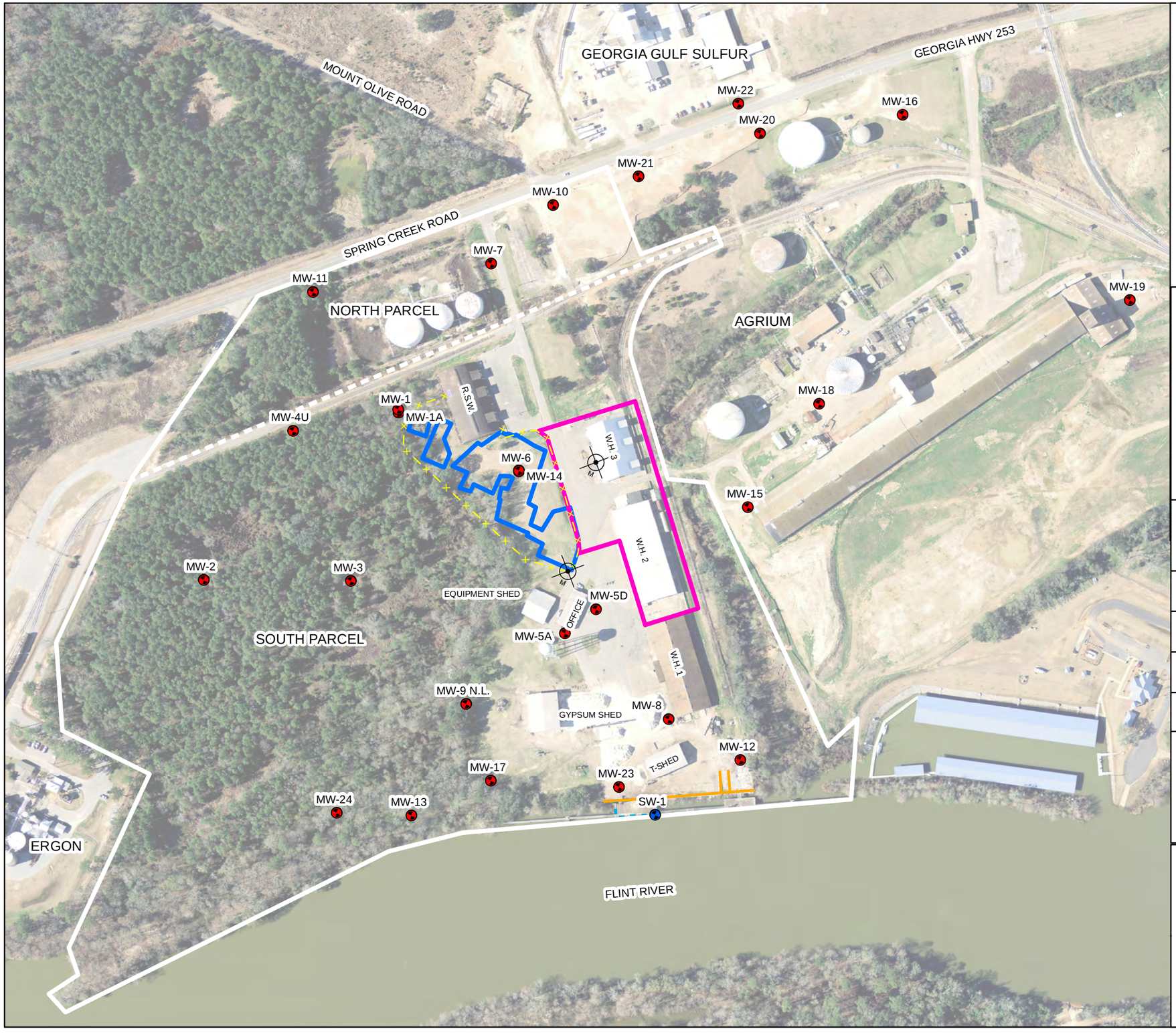
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/22/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 4-1: FLINT RIVER MIXING MODEL FLOW PATH WITH MARCH 2016 GROUNDWATER POTENTIOMETRIC SURFACE

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009



Legend

- MONITORING WELL
- STILLING WELL
- MW-18 MONITORING WELL ID
- N.L. NOT LOCATED

SITE FEATURES

- BULKHEAD
- NORTH AND SOUTH PARCEL DIVISION
- BAINBRIDGE PARCEL LINES
- PIER

AREAS OF CONCERN (AOC)

CURRENT AOC EXTENTS

- AOC-1 FENCELINE
- AOC-1 BOUNDARY
- AOC-2 BOUNDARY
- UNIFORM ENVIRONMENTAL COVENANT GRANITE MONUMENT

NOTES:

AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED.

PROPERTY LINES PROVIDED BY GEORGIA PORTS AUTHORITY. WELL LOCATIONS PLOTTED FROM MULTIPLE SURVEYS AT SITE. GRANITE MONUMENT LOCATIONS AND AOC-2 BOUNDARY ARE PLOTTED FROM A SURVEY CONDUCTED BY MOCK SURVEYING INC. ON FEBRUARY 16, 2016.

W.H. = WAREHOUSE
R.S.W. = FORMER ROCK SALT WAREHOUSE
T-SHED = TRANSPORT SHED

N

400 200 0 400

Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 4/22/2016
DRAWN BY: A.G.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 5-1: UNIFORM ENVIRONMENTAL COVENANT GRANITE MONUMENT INSTALLATION LOCATIONS FOR AREAS OF CONCERN 1 AND 2

GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE RD.
ALPHARETTA, GEORGIA 30009

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

PHOTOGRAPHS

Photograph 5-1: AOC-1 monument installation

Photograph 5-2: AOC-2 monument installation

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT A
MARCH 2016 WELL PURGING AND SAMPLING FIELD LOGS

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-1

DATE: 3-1-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Cloudy 75°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 19.50 FT. to 29.50 FT.

INITIAL WATER LEVEL (BTOC): 24.95 FT. | TIME: 1612 | BTOC WELL SCREEN INTERVAL: 22.01 FT. to 32.01 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 30.29 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 32.8 FT. | HEIGHT OF STICK-UP: 2.51 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1616	0	21.03	3.22	294	0.354	0.0	3.65	24.97	
1621	1200	19.97	3.19	299	0.390	0.0	1.80	24.97	
1626	1840	19.80	3.10	302	0.417	0.0	1.49	24.97	
1631	2240	19.73	3.09	304	0.440	0.0	1.35	24.97	
1636	3280	19.59	3.15	301	0.467	0.0	1.35	24.97	
1641	4190	19.77	3.14	302	0.498	0.0	1.43	24.97	
1646	5140	19.70	3.16	301	0.512	0.0	1.45	24.97	
1651	6000	19.55	3.19	300	0.525	0.0	1.37	24.97	
1656	6900	19.61	3.19	301	0.533	0.0	1.51	24.97	

K K 3-1-16

COMMENTS: | SAMPLE COLLECTION TIME: 1658

PREPARED BY: K K

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.
Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	32
Initial tubing depth (ft.) BTOC	29.5
Final tubing depth (ft.) BTOC	28.5
Initial pump speed	6.01
Time pump speed was initialized	1609
Pump speed at flow into cylinder	6.01
Started new roll of tubing at	
Three well volume (mL)	

2,000 mL volume poured into bucket:

Time	1628	1640	1651						
Cummulative Volume (mL)	2000	4000	6000						

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-1A

DATE: 3-1-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Cloudy 75°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 23.00 FT. to 33.00 FT.

INITIAL WATER LEVEL (BTOC): 25.07 FT. | TIME: 1705 | BTOC WELL SCREEN INTERVAL: 25.85 FT. to 35.85 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 33.96 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 36.81 FT. | HEIGHT OF STICK-UP: 2.85 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Kemron~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1725	0	20.69	3.42	290	0.541	0.0	3.06	25.08	
1730	1120	19.76	3.34	300	0.727	0.0	1.15	25.08	
1735	2000	19.53	3.25	309	0.805	0.0	0.91	25.08	
1740	3000	19.36	3.22	314	0.808	0.0	0.85	25.08	
1745	3900	19.42	3.21	318	0.806	0.0	0.82	25.08	

Kemron R. 3-1-16

COMMENTS: | SAMPLE COLLECTION TIME: 1748

PREPARED BY: Kemron

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	34
Initial tubing depth (ft.) BTOC	31
Final tubing depth (ft.) BTOC	31
Initial pump speed	6.45
Time pump speed was initialized	1720
Pump speed at flow into cylinder	6.45
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1735	1745							
Cummulative Volume (mL)	2000	4600							

Additional remarks: _____

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-2

DATE: 2-29-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Normal ~72° F clear

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 13.00 FT. to 23.00 FT.

INITIAL WATER LEVEL (BTOC): 18.70 FT. | TIME: 16:17 | BTOC WELL SCREEN INTERVAL: 15.85 FT. to 25.85 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 26.35 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 29.2 FT. | HEIGHT OF STICK-UP: 2.85 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
~~16:14~~ 16:34	0	20.36	7.39	146	0.076	0.0	5.44	18.75	Time = 16:34
16:39	1620	19.22	4.45	225	0.053	0.0	5.12	18.75	
16:44	1820	19.98	4.40	244	0.051	0.0	5.14	18.75	
16:49	2000	18.51	4.44	244	0.053	0.0	5.25	18.75	

COMMENTS:

SAMPLE COLLECTION TIME: 16:55

PREPARED BY: Stelma

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	28
Initial tubing depth (ft.) BTOC	24
Final tubing depth (ft.) BTOC	24
Initial pump speed	7.56
Time pump speed was initialized	16:31
Pump speed at flow into cylinder	7.56
Started new roll of tubing at	—
Three well volume (mL)	—

18.70

29.2 29.2 − 10 = 19.2

2,000 mL volume poured into bucket:

Time	16:40								
Cummulative Volume (mL)	2000								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-3

DATE: 3/1/16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Partly Cloudy 79°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 15.00 FT. to 25.00 FT.

INITIAL WATER LEVEL (BTOC): 17.20 FT. | TIME: 1349 | BTOC WELL SCREEN INTERVAL: 17.83 FT. to 27.83 FT.

MEASURED TOTAL WELL DEPTH (BGS): 24.5 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 27.32 FT. | HEIGHT OF STICK-UP: 2.83 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1400	0	20.63	5.54	118	0.080	0.0	8.82	17.22	
1405	1980	19.06	4.67	183	0.071	0.0	7.90	17.22	
1410	3700	18.33	4.78	181	0.085	0.0	7.91	17.22	
1415	5100	18.38	4.57	192	0.071	0.0	7.79	17.22	
1420	5380	18.34	4.19	219	0.071	0.0	7.74	17.22	
1425	6020	18.24	4.41	206	0.071	0.0	8.02	17.22	
1430	7950	18.29	4.36	212	0.070	0.0	7.93	17.22	
1435	9470	18.30	4.24	220	0.070	0.0	7.91	17.22	
1440	10,250	18.39	4.27	219	0.070	0.0	7.85	17.22	
1445	10,350	18.33	4.26	221	0.070	0.0	7.80	17.22	

7.80

Kent K 3-1-16

COMMENTS:

SAMPLE COLLECTION TIME: 1448

PREPARED BY: Kent K

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	26
Initial tubing depth (ft.) BTOC	22
Final tubing depth (ft.) BTOC	22
Initial pump speed	7.06
Time pump speed was initialized	1356
Pump speed at flow into cylinder	7.06
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1407	1415	1422	1432	1437	1444			
Cummulative Volume (mL)	2000	4000	6000	8000	10,000	12,000			

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-4U

DATE: 3-1-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Cloudy 79°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 16.00 FT. to 31.00 FT.

INITIAL WATER LEVEL (BTOC): 23.23 FT. | TIME: 1501 | BTOC WELL SCREEN INTERVAL: 18.05 FT. to 33.05 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 30.33 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 32.38 FT. | HEIGHT OF STICK-UP: 2.05 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1514	0	21.90	3.86	243	0.029	0.0	5.84	23.26	
1519	1040	20.50	3.73	253	0.028	0.0	5.55	23.26	
1524	1880	20.27	3.34	278	0.218	0.0	5.55	23.26	
1529	2510	20.15	3.72	256	0.219	0.0	5.40	23.26	
1534	4050	19.93	3.38	278	0.219	0.0	5.60	23.26	
1539	4440	19.92	3.36	280	0.219	0.0	5.44	23.26	
1544	5760	19.97	3.41	278	0.218	0.0	5.41	23.26	

Reviewed K 3-1-16

COMMENTS:

SAMPLE COLLECTION TIME: ~~1550~~ 1546

PREPARED BY: Reviewed K

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	30
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	5.30
Time pump speed was initialized	1409
Pump speed at flow into cylinder	5.30
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1525	1536							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-5A

DATE: 3-2-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Sunny 66° F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 16.50 FT. to 26.50 FT.	
INITIAL WATER LEVEL (BTOC): 17.00 FT. TIME: 1550	BTOC WELL SCREEN INTERVAL: 16.20 FT. to 26.20 FT.	
MEASURED TOTAL WELL DEPTH (**BGS**): 22.52 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 22.82 FT.	FLUSH-TO-GRADE ~0.3 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1602	0	22.23	4.97	124	0.392	0.6	4.52	17.02	
1607	1170	22.64	4.19	146	0.391	0.0	4.36	17.02	
1612	2430	22.68	4.14	151	0.389	0.0	4.38	17.02	
1617	3950	22.71	4.14	153	0.401	0.0	4.20	17.02	
~~16~~									

Kenneth Reese 3-2-16

COMMENTS:	SAMPLE COLLECTION TIME: 1620
	PREPARED BY: Kenneth Reese

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	21.5
Initial tubing depth (ft.) BTOC	20
Final tubing depth (ft.) BTOC	20
Initial pump speed	7.03
Time pump speed was initialized	15:56
Pump speed at flow into cylinder	7.03
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1610								
Cummulative Volume (mL)	2000								

Additional remarks: _____

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-5D

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 60° F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 15.00 FT. to 25.00 FT.

INITIAL WATER LEVEL (BTOC): 16.46 FT. | TIME: 1630 | BTOC WELL SCREEN INTERVAL: 14.80 FT. to 24.80 FT.

MEASURED TOTAL WELL DEPTH (BGS): 24.68 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 24.88 FT. | FLUSH-TO-GRADE ~0.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1642	800	23.12	3.48	199	2.57	0.0	1.69	16.48	
2050 1647	2090	22.98	3.43	203	2.35	0.0	2.62	16.48	
1652	3110	22.87	3.42	206	1.97	0.0	3.04	16.48	
1657	4450	22.78	3.41	208	1.85	0.0	3.04	16.48	
1702	6210	22.78	3.41	208	1.85	0.0	2.99	16.48	
1707	6850	22.70	3.32	214	1.92	0.0	2.98	16.48	
1712	8850	22.67	3.37	212	1.98	0.0	2.89	16.48	
1717	9150	22.62	3.37	213	2.01	0.0	2.95	16.48	

Xenco Rec 3-2-16

COMMENTS: Spike Matrix ~~Spike~~ Collected

SAMPLE COLLECTION TIME: 1720

PREPARED BY: Kenneth Reese

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	22
Initial tubing depth (ft.) BTOC	21
Final tubing depth (ft.) BTOC	21
Initial pump speed	7.02
Time pump speed was initialized	1637
Pump speed at flow into cylinder	7.02
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1647	1655	1704	1710					
Cummulative Volume (mL)	2000	4000	6000	8000					

Additional remarks: Matrix Spike Collected

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-6

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 65°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 47.00 FT. to 52.00 FT.

INITIAL WATER LEVEL (BTOC): 22.32 FT. | TIME: 1206 | BTOC WELL SCREEN INTERVAL: 46.80 FT. to 51.80 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 51.61 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 51.81 FT. | FLUSH-TO-GRADE ~0.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1211	0	20.82	5.79	-39	1.41	182	2.14	23.35	
1216	1120	20.97	5.67	-31	1.53	89.3	0.91	23.78	
1221	2480	21.03	5.56	-22	1.63	59.6	0.74	24.03	
1226	3760	21.04	5.47	-14	1.71	33.1	0.49	24.12	
1231	4970	21.04	5.38	-6	1.74	37.4	0.40	24.12	
1236	6280	21.10	5.34	-1	1.75	18.6	0.38	24.19	
1241	7520	21.05	5.27	5	1.76	36.1	0.48	24.20	
1246	8620	21.05	5.22	10	1.77	33.5	0.34	24.20	
1251	9880	21.32	5.18	14	1.75	22.0	0.38	24.20	
1256	11030	21.43	5.15	17	1.77	0.0	0.35	24.20	
1301	11980	21.05	5.10	22	1.77	1.8	0.33	24.20	

3-2-16

COMMENTS:

SAMPLE COLLECTION TIME: 1303

PREPARED BY: Kenneth Rose

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	51.5
Initial tubing depth (ft.) BTOC	49.5
Final tubing depth (ft.) BTOC	49.5
Initial pump speed	7.15
Time pump speed was initialized	1208
Pump speed at flow into cylinder	7.15
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1219	1227	1235	1243	1251				
Cummulative Volume (mL)	2000	4000	6000	8000	10,000				

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-7

DATE: 3-3-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 63° F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 15.00 FT. to 26.00 FT.

INITIAL WATER LEVEL (BTOC): 17.72 FT. | TIME: 1047 | BTOC WELL SCREEN INTERVAL: 14.50 FT. to 25.50 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 21.75 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 22.25 FT. | FLUSH-TO-GRADE 0.5 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1055	3600	20.40	4.02	250	0.329	13.5	3.78	17.75	
1100	1500	20.92	4.10	244	0.322	10.0	3.20	17.75	
1105	3000	21.13	4.14	240	0.331	2.9	2.22	17.75	
1110	4200	21.18	4.10	242	0.332	2.7	2.11	17.75	
FTS									

Kenneth Reen 3-3-16

COMMENTS: | SAMPLE COLLECTION TIME: 1113

PREPARED BY: Kenneth Reen

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	22
Initial tubing depth (ft.) BTOC	20
Final tubing depth (ft.) BTOC	20
Initial pump speed	7.02
Time pump speed was initialized	10:52
Pump speed at flow into cylinder	7.02
Started new roll of tubing at	—
Three well volume (mL)	~

2,000 mL volume poured into bucket:

Time	1101	1109							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-8

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 63°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 12.00 FT. to 23.00 FT.

INITIAL WATER LEVEL (BTOC): 14.05 FT. | TIME: 1741 | BTOC WELL SCREEN INTERVAL: 11.70 FT. to 22.70 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 21.66 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 21.96 FT. | FLUSH-TO-GRADE ~0.3 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B KR

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1748	0	22.17	3.52	214	0.732	0.0	2.39	14.06	
1753	1520	22.43	3.57	209	0.744	0.0	1.58	14.07	
1758	2860	22.46	3.60	206	0.747	0.0	1.34	14.07	
1803	4240	22.41	3.59	206	0.747	0.0	1.29	14.07	
1808									
1813									

Ken Reed 3-2-16

COMMENTS:

SAMPLE COLLECTION TIME: 1805

PREPARED BY: Kenneth Reed

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	18
Final tubing depth (ft.) BTOC	18
Initial pump speed	7.58
Time pump speed was initialized	1745
Pump speed at flow into cylinder	7.58
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1754	1802							
Cummulative Volume (mL)	2000	4000							

Additional remarks: well bolts sheared off

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-10

DATE: 3-3-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Sunny 64°F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 20.00 FT. to 30.00 FT.	
INITIAL WATER LEVEL (BTOC): 19.61 FT. TIME: 1126	BTOC WELL SCREEN INTERVAL: 20.10 FT. to 30.10 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 30.85 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 30.75 FT.	FLUSH-TO-GRADE +0.1 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1137	0	21.60	3.79	258	0.775	8.9	5.16	19.90	
1142	780	21.70	3.82	259	0.784	8.5	3.13	19.94	
1147	2000	21.81	3.77	260	0.771	13.5	2.49	20.02	
1152	3190	21.84	3.80	258	0.764	11.6	2.26	20.03	
1157	4310	21.85	3.80	257	0.744	7.5	2.10	20.05	
~~1202~~									

COMMENTS: Collected FD

SAMPLE COLLECTION TIME: 1200

PREPARED BY: Kenneth Reese

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	27
Initial tubing depth (ft.) BTOC	25
Final tubing depth (ft.) BTOC	25
Initial pump speed	6.03
Time pump speed was initialized	1135
Pump speed at flow into cylinder	6.03
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1147	1155							
Cummulative Volume (mL)	2000	4000							

Additional remarks: The water level raised up when the well cap was removed. Waited until water stabilize before taking water level.

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-11

DATE: 2/29/16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Partly Cloudy 65°F mound		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 17.00 FT. to 27.00 FT.	
INITIAL WATER LEVEL (BTOC): 20.40 FT. TIME: 17:23	BTOC WELL SCREEN INTERVAL: 16.70 FT. to 26.70 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 27.20 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 27.5 FT.	FLUSH-TO-GRADE ~0.3 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
17:37	0	20.21	3.72	282	0.145	0.0	5.84	20.50	
17:42	1440	19.64	3.54	295	0.154	0.0	5.32	20.45	
17:47	2820	19.52	3.59	294	0.155	0.0	5.06	20.45	
17:52	4200	19.46	3.42	306	0.155	0.0	5.03	20.45	
17:57	5580	19.43	3.54	297	0.155	0.0	4.95	20.45	
18:02	6150	19.36	3.60	296	0.155	0.0	4.84	20.45	
18:07	7130	19.36	3.56	299	0.150	0.0	4.82	20.45	
18:12	8220	19.32	3.61	296	0.156	0.0	4.66	20.45	

COMMENTS:

SAMPLE COLLECTION TIME: 18:15

PREPARED BY: STP/mlg

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.
Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	26
Initial tubing depth (ft.) BTOC	24
Final tubing depth (ft.) BTOC	24
Initial pump speed	7.35
Time pump speed was initialized	17:34
Pump speed at flow into cylinder	7.35
Started new roll of tubing at	
Three well volume (mL)	

2,000 mL volume poured into bucket:

Time	17:44	17:53	18:01	18:10					
Cummulative Volume (mL)	2000	4000	6000	8000					

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-12

DATE: 3-2-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Sunny 66°F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 12.00 FT. to 22.00 FT.	
INITIAL WATER LEVEL (BTOC): 15.13 FT. TIME: 1503	BTOC WELL SCREEN INTERVAL: 11.75 FT. to 21.75 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 22.28 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 22.53 FT.	FLUSH-TO-GRADE ~0.25 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1510	0	20.68	5.55	69	1.08	0.0	1.64	15.16	
1515	1600	20.75	5.76	50	1.08	0.0	1.02	15.16	
1520	3100	20.75	5.79	44	1.08	0.0	0.92	15.16	
1525	4910	20.75	5.81	40	1.07	0.0	0.89	15.16	
15									

3-2-16

COMMENTS:	SAMPLE COLLECTION TIME: 1528
	PREPARED BY: Kenneth Reed

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	18.5
Final tubing depth (ft.) BTOC	18.5
Initial pump speed	7.04
Time pump speed was initialized	1508
Pump speed at flow into cylinder	7.04
Started new roll of tubing at	
Three well volume (mL)	

2,000 mL volume poured into bucket: SM.

Time	1516	1523							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-13

DATE: 3-2-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Sunny 64° F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 12.00 FT. to 22.00 FT.	
INITIAL WATER LEVEL (BTOC): 4.86 FT. TIME: 1420	BTOC WELL SCREEN INTERVAL: 11.70 FT. to 21.70 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 21.73 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 22.03 FT.	FLUSH-TO-GRADE ~0.3 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1430	0	19.07	5.03	83	0.455	0.0	2.29	14.87	
1435	1650	18.57	4.84	93	0.454	0.0	1.73	14.87	
1440	3050	18.52	4.76	98	0.453	0.0	1.54	14.87	
1445	4620	18.59	4.81	94	0.453	0.0	1.45	14.87	
1450									

COMMENTS:

SAMPLE COLLECTION TIME: 1448

PREPARED BY: Kenneth Reed

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	18.5
Final tubing depth (ft.) BTOC	18.5
Initial pump speed	7.19
Time pump speed was initialized	1427
Pump speed at flow into cylinder	7.19
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1436	1443							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-14

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 63°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 67.00 FT. to 72.00 FT.

22.14 ← INITIAL WATER LEVEL (BTOC): ~~22.02~~ 5ll FT. | TIME: 1055 | BTOC WELL SCREEN INTERVAL: 66.85 FT. to 71.85 FT.

MEASURED TOTAL WELL DEPTH (BGS): 71.35 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 71.5 FT. | FLUSH-TO-GRADE ~0.15 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ KR TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1105	0	19.73	7.34	97	0.255	40.5	2.08	22.89	
1110	1460	20.56	9.15	21	0.318	29.5	0.97	23.49	
1115	2360	20.61	8.97	-6	0.297	3.9	0.66	23.73	
1120	4360	20.69	8.15	-49	0.276	0.0	0.57	23.82	
1125	5680	20.76	7.64	-99	0.270	0.0	0.54	23.86	5680
1130	6420	20.72	7.28	-100	0.262	0.0	0.50	23.89	
1135	7230	20.74	7.17	-107	0.262	0.0	0.49	23.89	
1140	8830	20.76	6.79	-96	0.257	0.0	0.46	23.89	
1145	9800	20.81	6.87	-108	0.256	0.0	044	23.89	
1150	11030	20.81	6.88	-113	0.247	0.0	0.43	23.89	
1155	12390	20.78	6.88	-115	0.242	0.0	0.42	23.89	
				Kenneth R					

COMMENTS:

SAMPLE COLLECTION TIME: 1158

PREPARED BY: Kenneth Rose

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	71
Initial tubing depth (ft.) BTOC	69
Final tubing depth (ft.) BTOC	69
Initial pump speed	8.01
Time pump speed was initialized	1102
Pump speed at flow into cylinder	8.01
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1112	1120	1128	1137	1146	1153			
Cummulative Volume (mL)	2000	4000	6000	8000	10000	12,000			

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-15

DATE: 3-1-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Clear Sunny 70° F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 13.00 FT. to 23.00 FT.	
INITIAL WATER LEVEL (BTOC): 18.46 FT. TIME: 1058	BTOC WELL SCREEN INTERVAL: 13.00 FT. to 23.00 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 21.51 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 21.51 FT.	FLUSH-TO-GRADE 0 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Kemco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1116	0	22.46	5.11	134	6.30	0.0	1.40	18.52	
1120	940	21.78	4.71	152	6.06	0.0	0.89	18.53	
1125	1720	21.84	4.64	157	5.83	0.0	0.75	18.52	
1130	2420	21.90	4.67	155	5.70	0.0	0.70	18.51	
1135	3230	21.95	4.64	157	5.62	0.0	0.65	18.51	
1140	3900	21.99	4.60	159	5.58	0.0	0.63	18.51	
1145	6090	22.01	4.65	156	5.54	0.0	0.61	18.51	

Kenneth R 3-1-16

COMMENTS:

SAMPLE COLLECTION TIME: 1146

PREPARED BY: Kenneth R

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	27
Initial tubing depth (ft.) BTOC	20
Final tubing depth (ft.) BTOC	20
Initial pump speed	5.01
Time pump speed was initialized	1105
Pump speed at flow into cylinder	5.01
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1127	1141							
Cummulative Volume (mL)	2000	4000							

Additional remarks: Stopped pump at 1109 to fix leak on flow cell started pump back up at 1111

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-16

DATE: 3-3-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 57°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 14.00 FT. to 24.00 FT.

INITIAL WATER LEVEL (BTOC): 16.80 FT. | TIME: 0948 | BTOC WELL SCREEN INTERVAL: 13.80 FT. to 23.80 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 23.23 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 23.83 FT. | FLUSH-TO-GRADE ~0.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1004	0	18.46	7.65	50	0.034	38.7	7.07	16.84	
1006	1340	20.00	4.95	150	0.031	55.8	7.20	16.84	
1011	2780	20.28	4.89	193	0.030	55.0	7.13	16.84	
1016	3850	20.38	4.87	220	0.030	48.8	7.08	16.84	
1021	5300	20.43	4.82	203	0.030	36.5	7.02	16.84	
1026	7200	20.43	4.84	202	0.030	23.0	7.00	16.84	
1031	8200	20.44	4.82	203	0.030	8.0	6.91	16.84	
1036									

COMMENTS:

SAMPLE COLLECTION TIME: 1034

PREPARED BY: Kenneth Lee

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	22
Initial tubing depth (ft.) BTOC	20.5
Final tubing depth (ft.) BTOC	20.5
Initial pump speed	7.07
Time pump speed was initialized	1000
Pump speed at flow into cylinder	7.07
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1008	1015	1023	1030					
Cummulative Volume (mL)	2000	4000	6000	8000					

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-17

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Partly Cloudy 51°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 50.00 FT. to 60.00 FT.

INITIAL WATER LEVEL (BTOC): 13.93 FT. | TIME: 9:28 | BTOC WELL SCREEN INTERVAL: 49.55 FT. to 59.55 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 60.00 FT. | MEASURED TOTAL WELL DEPTH (BTOC): FT. | FLUSH-TO-GRADE ~0.45 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ KAP TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
0938	0	17.52	5.99	163	0.184	0.0	1.92	13.97	
0943	1820	19.23	6.36	132	0.303	6.2	0.81	13.97	
0948	3580	19.35	6.58	117	0.439	8.0	0.60	13.97	
5480 0953	~~5940~~ 5480	19.38	6.68	108	0.444	11.2	0.52	13.97	
0958	6680	19.43	6.74	100	0.450	1.2	0.48	13.97	
8960 1003	8960	19.42	6.74	95	0455	0.0	0.45	13.97	
10800 1008	~~9720~~	19.41	6.74	93	0.458	0.0	0.42	13.97	

Kenneth R 3-2-16

COMMENTS:

SAMPLE COLLECTION TIME: 1010

PREPARED BY: Kenneth R

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	57
Initial tubing depth (ft.) BTOC	55
Final tubing depth (ft.) BTOC	55
Initial pump speed	8.67
Time pump speed was initialized	0936
Pump speed at flow into cylinder	8.67
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	0945	0949	0954	1000	1006				
Cummulative Volume (mL)	2000	4000	6000	8000	10000				

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-18

DATE: 3/1/16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Clear Sunny 66° F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 22.00 FT. to 32.00 FT.

INITIAL WATER LEVEL (BTOC): 15.63 FT. | TIME: 0957 | BTOC WELL SCREEN INTERVAL: 21.60 FT. to 31.60 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 32.43 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 32.83 FT. | FLUSH-TO-GRADE ~0.4 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Kemron~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1007	0	23.46	5.25	176	1.63	0.0	2.51	15.65	
1012	1600	23.64	5.92	125	1.75	0.0	0.93	15.65	
1017	~~3200~~ 3900	23.66	6.01	104	1.82	0.0	0.70	15.65	
1022	~~4400~~	23.68	5.97	97	1.84	0.0	0.63	15.65	> 4400
1027	~~7900~~	23.72	6.06	84	1.84	0.0	0.58	15.65	> 5800
1032	6780	23.75	6.08	78	1.85	0.0	0.56	15.65	
1037	7800	23.75	6.05	75	1.85	0.0	0.51	15.65	

3-1-16

COMMENTS:

SAMPLE COLLECTION TIME: 1040

PREPARED BY:

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	29
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	7.65
Time pump speed was initialized	1004
Pump speed at flow into cylinder	7.65
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1014	1022	1030						
Cummulative Volume (mL)	2000	4000	6000						

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION
WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-19

DATE: 3/1/16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Clear No wind 54°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 22.00 FT. to 32.00 FT.

INITIAL WATER LEVEL (BTOC): 16.63 FT. TIME: 0820 | BTOC WELL SCREEN INTERVAL: 21.65 FT. to 31.65 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 32.08 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 32.43 FT. | FLUSH-TO-GRADE ~0.35 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
0834	0	17.27	3.58	316	1.06	990	2.33	16.64	Very Cloudy water
0839	1780	20.78	3.44	324	1.01	>1000	1.31	16.64	Very cloudy water
0844	3040	20.98	3.49	320	1.61	823	1.03	16.64	
0849	4560	21.44	3.52	317	0.998	645	0.88	16.64	
0854	5760	21.61	3.47	318	0.996	538	0.83	16.64	
0859	7340	22.05	3.50	315	0.986	422	0.76	16.64	
0904	8520	22.04	3.53	311	0.987	338	0.72	16.64	
0909	9880	22.26	3.47	314	0.981	240	0.69	16.64	
0914	11060	22.25	3.53	308	0.982	188	0.65	16.64	
0919	12870	22.39	3.54	306	0.979	127	0.61	16.64	
0924	13720	22.47	3.49	307	0.979	98.1	0.61	16.64	
0929	14830	22.54	3.55	302	0.977	85.5	0.59	16.64	
0934	16200	22.56	3.51	303	0.974	72.0	0.53	16.64	
0939				Kenneth R					

COMMENTS: | SAMPLE COLLECTION TIME: 0941
PREPARED BY: Kenneth R

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.
Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	29
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	7.49
Time pump speed was initialized	0831
Pump speed at flow into cylinder	7.49
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	0840	0847	0855	0902	0910	0918	0926	0933	
Cummulative Volume (mL)	2,000	4,000	6,000	8,000	10,000	12,000	14,000	16,000	

Additional remarks: Water inside well vault about 1" above TOC
Well had pressure on well cap

PAGE 1 OF 1

ENVIRONMENTAL INTERNATIONAL CORPORATION
WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-20

DATE: 3-3-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 73°F Slightly Windy

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 22.00 FT. to 32.00 FT.

INITIAL WATER LEVEL (BTOC): 16.21 FT. TIME: 1517 | BTOC WELL SCREEN INTERVAL: 21.75 FT. to 31.75 FT.

MEASURED TOTAL WELL DEPTH (BGS): 32.05 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 32.8 FT. | FLUSH-TO-GRADE ~0.25 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ KR TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1525	0	21.70	4.14	242	0.166	0.0	7.36	16.22	
1530	1400	21.57	3.90	257	0.167	0.0	6.74	16.22	
1535	2500	21.40	4.07	250	0.166	0.0	6.45	16.22	
1540	3500	21.33	4.25	238	0.168	0.0	6.46	16.22	
1545	4050	21.31	4.21	242	0.169	0.0	6.43	16.22	
1550	5470	21.28	4.06	250	0.176	0.0	6.45	16.22	
1555	6820 (6620)	21.28	4.07	250	0.177	0.0	6.48	16.22	
1600	8400	21.45	4.02	253	0.177	0.0	6.44	16.22	

(signature)

COMMENTS:

SAMPLE COLLECTION TIME: 1603

PREPARED BY: Kenneth Reese

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.
Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	28.5
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	6.50
Time pump speed was initialized	1522
Pump speed at flow into cylinder	6.50
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1533	1544	1552						
Cummulative Volume (mL)	2000	4000	6000						

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-21

DATE: 3-3-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 73°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 22.00 FT. to 32.00 FT.

INITIAL WATER LEVEL (BTOC): 17.19 FT. | TIME: 1355 | BTOC WELL SCREEN INTERVAL: 21.93 FT. to 31.93 FT.

MEASURED TOTAL WELL DEPTH (BGS): 31.43 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 31.5 FT. | FLUSH-TO-GRADE ~0.075 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1402	0	21.44	5.09	200	0.170	142	6.72	17.20	
1407	1120	21.42	5.19	191	0.170	126	6.06	17.20	
1412	2300	21.43	5.14	192	0.172	101	5.82	17.20	
1417	3440	21.45	5.17	190	0.174	85.5	5.63	17.20	
1424	4450	21.52	5.07	194	0.178	68.2	5.73	17.20	
1429	6170	21.43	5.10	193	0.184	44.2	5.69	17.20	
1434	7190	21.45	5.06	195	0.191	29.0	5.62	17.20	
1439	8450	21.49	5.08	194	0.192	21.4	5.63	17.20	
1444	9970	21.48	5.03	196	0.197	13.4	5.62	17.20	
1449	10820	21.48	4.97	200	0.202	7.7	5.55	17.20	
1454	12800	21.52	4.84	207	0.206	3.6	5.35	17.20	
1459	14020	21.50	4.84	206	0.207	0.0	5.37	17.20	
1504	14580	21.30	4.85	208	0.201	0.0	5.36	17.20	
			Kenneth Reed		3-3-16				

COMMENTS:

SAMPLE COLLECTION TIME: 1506

PREPARED BY: Kenneth Reed

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	28
Initial tubing depth (ft.) BTOC	26
Final tubing depth (ft.) BTOC	26
Initial pump speed	6.29
Time pump speed was initialized	1400
Pump speed at flow into cylinder	6.29
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1410	1419	1429	1437	1445	1454	1502		
Cummulative Volume (mL)	2000	4000	6000	8000	10,000	12,000	14,000		

Additional remarks: about a inch of water inside of well casing. The pump reverse at 1420. Stopped the pump and reset pump

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-22

DATE: 3-3-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Sunny 73°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 24.00 FT. to 34.00 FT.

INITIAL WATER LEVEL (BTOC): 18.45 FT. | TIME: 1619 | BTOC WELL SCREEN INTERVAL: 23.80 FT. to 33.80 FT.

MEASURED TOTAL WELL DEPTH (BGS): 33.34 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 33.54 FT. | FLUSH-TO-GRADE ~0.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
1628	0	22.16	3.58	281	0.498	1.0	4.55	18.50	
1633	1320	22.08	3.59	279	0.514	0.0	3.27	18.50	
1638	2500	22.02	3.68	273	0.515	0.0	3.11	18.50	
1643	3200	22.03	3.74	270	0.514	0.0	3.16	18.50	
1648	4960	21.96	3.76	269	0.510	0.0	3.23	18.50	
1653									

Kenneth Reese 3-3-16

COMMENTS: Collected MS sample

SAMPLE COLLECTION TIME: 1650

PREPARED BY: Kenneth Reese

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	30
Initial tubing depth (ft.) BTOC	29
Final tubing depth (ft.) BTOC	29
Initial pump speed	7.02
Time pump speed was initialized	1626
Pump speed at flow into cylinder	7.02
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	1636	1644							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

IS 90

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-23

DATE: 3-3-16	PROJECT NAME: GPA Bainbridge	PROJECT NO: 400007 - 4.5
WEATHER CONDITIONS: Sunny 46°F		
SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER		
WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER	BGS WELL SCREEN INTERVAL: 13.83 FT. to 23.83 FT.	
INITIAL WATER LEVEL (BTOC): 14.44 FT. TIME: 0830	BTOC WELL SCREEN INTERVAL: 13.83 FT. to 23.83 FT.	
MEASURED TOTAL WELL DEPTH (BGS): 24.00 FT.	MEASURED TOTAL WELL DEPTH (BTOC): 24 FT.	FLUSH-TO-GRADE 0 FT.
PURGING DEVICE: Pegasus Alexis Peristaltic Pump	[ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED	
SAMPLING DEVICE: 1/4" Teflon lined tubing	[ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED	
EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY		
[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE		
CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED		
ANALYTICAL PARAMETERS: 8081 B		
LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA	WATER ANALYZER MODEL: Horiba U-52	SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
0837	0	17.32	3.98	247	0.974	76.7	1.31	14.45	
0842	1590	20.60	4.23	229	0.949	71.6	0.53	14.45	
0847	3040	21.00	4.27	223	0.939	69.4	0.41	14.45	
0852	4680	21.19	4.37	215	0.927	62.2	0.36	14.45	
0857	6050	21.26	4.38	211	0.918	53.1	0.33	14.45	
0902	7610	21.35	4.49	202	0.904	46.8	0.32	14.45	
0907	9540	21.38	4.46	202	0.901	33.4	0.30	14.45	
0912	10500	21.33	4.53	194	0.902	21.9	0.30	14.45	
0917	11090	21.44	4.60	189	0.897	9.9	0.29	14.45	
0922	12420	21.48	4.60	187	0.899	0.0	0.29	14.45	
			Kenneth						
				Reed					
						3-3-16			

COMMENTS:

SAMPLE COLLECTION TIME: 0925

PREPARED BY: Kenneth Reed

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	21
Initial tubing depth (ft.) BTOC	19
Final tubing depth (ft.) BTOC	19
Initial pump speed	7.20
Time pump speed was initialized	0835
Pump speed at flow into cylinder	7.20
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket: 0843

Time	~~2000 hr~~	0850	0857	0903	0910	0919			
Cummulative Volume (mL)	2000	4000	6000	8000	10,000	12,000			

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-24

DATE: 3-2-16 | PROJECT NAME: GPA Bainbridge | PROJECT NO: 400007 - 4.5

WEATHER CONDITIONS: Partly Cloudy 55°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 12.11 FT. to 22.11 FT.

INITIAL WATER LEVEL (BTOC): 14.09 FT. | TIME: 0822 | BTOC WELL SCREEN INTERVAL: 12.29 FT. to 22.29 FT.

MEASURED TOTAL WELL DEPTH (**BGS**): 22.63 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 22.81 FT. | FLUSH-TO-GRADE 0.18 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8081 B

LABORATORY PERFORMING ANALYSIS: ~~Xenco~~ TA | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
0840	0	16.94	7.64	129	0.177	0.0	3.78	14.06	
0845	1440	17.63	5.98	165	0.207	0.0	3.37	14.06	
0850	3440	17.73	5.87	169	0.214	0.0	3.21	14.06	
0855	4200	17.81	5.47	192	0.209	0.0	3.21	14.06	
0900	6000	17.81	5.50	191	0.212	0.0	3.08	14.06	
0905	6820	17.79	5.46	194	0.205	0.0	3.10	14.06	
0910	8820	17.81	5.48	195	0.200	0.0	3.12	14.06	
0915	9000	17.82	5.50	167	0.204	0.0	3.58	14.06	

12-0

Kenneth Rood 3-2-16

COMMENTS:

SAMPLE COLLECTION TIME: 0918

PREPARED BY: Kenneth Rood

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	18.5
Final tubing depth (ft.) BTOC	18.5
Initial pump speed	7.01
Time pump speed was initialized	0838
Pump speed at flow into cylinder	7.01
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	0847	0854	0902	0910					
Cummulative Volume (mL)	2000	4000	6000	8000					

Additional remarks:

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT B
MARCH 2016 GROUNDWATER ANALYTICAL RESULTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-122659-1
Client Project/Site: 400007-4.5/Bainbridge, GA

For:
Environmental International Corporation
161 Kimball Bridge Road
Suite 100
Alpharetta, Georgia 30009

Attn: Amelia Grant

Authorized for release by:
3/15/2016 11:13:07 AM

Sheila Hoffman, Project Manager II
(912)354-7858 e.3004
sheila.hoffman@testamericainc.com

Method Summary

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Method	Method Description	Protocol	Laboratory
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-122659-1	MW-1	Water	03/01/16 16:58	03/05/16 11:43
680-122659-2	MW-1A	Water	03/01/16 17:48	03/05/16 11:43
680-122659-3	MW-2	Water	02/29/16 16:55	03/05/16 11:43
680-122659-4	MW-3	Water	03/01/16 14:48	03/05/16 11:43
680-122659-5	MW-4U	Water	03/01/16 15:45	03/05/16 11:43
680-122659-6	MW-5A	Water	03/02/16 16:20	03/05/16 11:43
680-122659-7	MW-5D	Water	03/02/16 17:20	03/05/16 11:43
680-122659-8	MW-6	Water	03/02/16 13:03	03/05/16 11:43
680-122659-9	MW-7	Water	03/03/16 11:13	03/05/16 11:43
680-122659-10	MW-8	Water	03/03/16 18:05	03/05/16 11:43
680-122659-11	MW-10	Water	03/02/16 12:00	03/05/16 11:43
680-122659-12	MW-10 Duplicate	Water	03/03/16 12:00	03/05/16 11:43
680-122659-13	MW-11	Water	02/29/16 18:15	03/05/16 11:43
680-122659-14	MW-12	Water	03/02/16 15:28	03/05/16 11:43
680-122659-15	MW-13	Water	03/02/16 14:48	03/05/16 11:43
680-122659-16	MW-14	Water	03/02/16 11:58	03/05/16 11:43
680-122659-17	MW-15	Water	03/01/16 11:45	03/05/16 11:43
680-122659-18	MW-16	Water	03/03/16 10:34	03/05/16 11:43
680-122659-19	MW-17	Water	03/02/16 10:10	03/05/16 11:43
680-122659-20	MW-18	Water	03/01/16 10:40	03/05/16 11:43
680-122659-21	MW-19	Water	03/01/16 09:41	03/05/16 11:43
680-122659-22	MW-20	Water	03/03/16 16:03	03/05/16 11:43
680-122659-23	MW-21	Water	03/03/16 15:06	03/05/16 11:43
680-122659-24	MW-22	Water	03/03/16 16:50	03/05/16 11:43
680-122659-25	MW-23	Water	03/03/16 09:25	03/05/16 11:43
680-122659-26	MW-24	Water	03/02/16 09:18	03/05/16 11:43
680-122659-27	Equipment Blank	Water	03/03/16 17:15	03/05/16 11:43

Definitions/Glossary

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 680-122659-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Environmental International Corporation

Project: 400007-4.5/Bainbridge, GA

Report Number: 680-122659-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 03/05/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.4º C, 1.3º C and 1.4º C

PESTICIDES AND PCBS

Samples MW-1 (680-122659-1), MW-1A (680-122659-2), MW-2 (680-122659-3), MW-3 (680-122659-4), MW-4U (680-122659-5), MW-5A (680-122659-6), MW-5D (680-122659-7), MW-6 (680-122659-8), MW-7 (680-122659-9), MW-8 (680-122659-10), MW-10 (680-122659-11), MW-10 Duplicate (680-122659-12), MW-11 (680-122659-13), MW-12 (680-122659-14), MW-13 (680-122659-15), MW-14 (680-122659-16), MW-15 (680-122659-17), MW-16 (680-122659-18), MW-17 (680-122659-19), MW-18 (680-122659-20), MW-19 (680-122659-21), MW-20 (680-122659-22), MW-21 (680-122659-23), MW-22 (680-122659-24), MW-23 (680-122659-25), MW-24 (680-122659-26) and Equipment Blank (680-122659-27) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 03/07/2016, 03/09/2016 and 03/10/2016 and analyzed on 03/09/2016, 03/10/2016 and 03/11/2016.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-18 (680-122659-20). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-7 (680-122659-9). These resutls have been reported and qualified.

Endosulfan I failed the recovery criteria low for the MS of sample MW-22MS (680-122659-24) in batch 680-424738. alpha-BHC, Endosulfan II, beta-BHC and delta-BHC failed the recovery criteria high.

Several analytes failed the recovery criteria high for the MSD of sample MW-22MSD (680-122659-24) in batch 680-424738. Heptachlor exceeded the RPD limit.

Aldrin failed the recovery criteria low for the MS of sample MW-5DMS (680-122659-7) in batch 680-424738. beta-BHC and delta-BHC failed the recovery criteria high.

beta-BHC and delta-BHC failed the recovery criteria high for the MSD of sample MW-5DMSD (680-122659-7) in batch 680-424738.

Refer to the QC report for details.

Samples MW-5A (680-122659-6)[10X], MW-5D (680-122659-7)[10X], MW-6 (680-122659-8)[10X], MW-8 (680-122659-10)[4X], MW-10 (680-122659-11)[20X], MW-10 Duplicate (680-122659-12)[20X], MW-13 (680-122659-15)[10X], MW-20 (680-122659-22)[5X], MW-21 (680-122659-23)[5X], MW-22 (680-122659-24)[40X] and MW-23 (680-122659-25)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 680-122659-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: MW-1

Date Collected: 03/01/16 16:58
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-1
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/09/16 02:03	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:03	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		03/07/16 17:11	03/09/16 02:03	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/09/16 02:03	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/07/16 17:11	03/09/16 02:03	1
beta-BHC	**0.010**	**J p**	0.050	0.0090	ug/L		03/07/16 17:11	03/09/16 02:03	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/07/16 17:11	03/09/16 02:03	1
delta-BHC	<0.0074		0.050	0.0074	ug/L		03/07/16 17:11	03/09/16 02:03	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/09/16 02:03	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/09/16 02:03	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/07/16 17:11	03/09/16 02:03	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/09/16 02:03	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/09/16 02:03	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/07/16 17:11	03/09/16 02:03	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/09/16 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*39*		*14 - 130*	*03/07/16 17:11*	*03/09/16 02:03*	*1*
Tetrachloro-m-xylene	*41*		*40 - 130*	*03/07/16 17:11*	*03/09/16 02:03*	*1*

Client Sample ID: MW-1A

Date Collected: 03/01/16 17:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-2
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/09/16 02:18	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:18	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/09/16 02:18	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/07/16 17:11	03/09/16 02:18	1
alpha-BHC	**0.011**	**J p**	0.050	0.0034	ug/L		03/07/16 17:11	03/09/16 02:18	1
beta-BHC	**0.033**	**J**	0.050	0.0091	ug/L		03/07/16 17:11	03/09/16 02:18	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/07/16 17:11	03/09/16 02:18	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/07/16 17:11	03/09/16 02:18	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/09/16 02:18	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/09/16 02:18	1
gamma-BHC (Lindane)	**0.0054**	**J**	0.050	0.0036	ug/L		03/07/16 17:11	03/09/16 02:18	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/09/16 02:18	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/09/16 02:18	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/07/16 17:11	03/09/16 02:18	1

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-1A
Date Collected: 03/01/16 17:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-2
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/09/16 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*14 - 130*	*03/07/16 17:11*	*03/09/16 02:18*	*1*
Tetrachloro-m-xylene	*49*		*40 - 130*	*03/07/16 17:11*	*03/09/16 02:18*	*1*

Client Sample ID: MW-2
Date Collected: 02/29/16 16:55
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-3
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/07/16 17:11	03/09/16 02:32	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/09/16 02:32	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		03/07/16 17:11	03/09/16 02:32	1
Aldrin	<0.0071		0.049	0.0071	ug/L		03/07/16 17:11	03/09/16 02:32	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		03/07/16 17:11	03/09/16 02:32	1
beta-BHC	<0.0090		0.049	0.0090	ug/L		03/07/16 17:11	03/09/16 02:32	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		03/07/16 17:11	03/09/16 02:32	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		03/07/16 17:11	03/09/16 02:32	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/07/16 17:11	03/09/16 02:32	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/07/16 17:11	03/09/16 02:32	1
gamma-BHC (Lindane)	<0.0036		0.049	0.0036	ug/L		03/07/16 17:11	03/09/16 02:32	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		03/07/16 17:11	03/09/16 02:32	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		03/07/16 17:11	03/09/16 02:32	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		03/07/16 17:11	03/09/16 02:32	1
Toxaphene	<0.39		4.9	0.39	ug/L		03/07/16 17:11	03/09/16 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*27*		*14 - 130*	*03/07/16 17:11*	*03/09/16 02:32*	*1*
Tetrachloro-m-xylene	*51*		*40 - 130*	*03/07/16 17:11*	*03/09/16 02:32*	*1*

Client Sample ID: MW-3
Date Collected: 03/01/16 14:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-4
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/09/16 02:47	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:47	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		03/07/16 17:11	03/09/16 02:47	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/09/16 02:47	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/07/16 17:11	03/09/16 02:47	1
beta-BHC	<0.0090		0.050	0.0090	ug/L		03/07/16 17:11	03/09/16 02:47	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/07/16 17:11	03/09/16 02:47	1

Client Sample ID: MW-3

Date Collected: 03/01/16 14:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-4
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0074		0.050	0.0074	ug/L		03/07/16 17:11	03/09/16 02:47	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/09/16 02:47	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/09/16 02:47	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/07/16 17:11	03/09/16 02:47	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/09/16 02:47	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/09/16 02:47	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/07/16 17:11	03/09/16 02:47	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/09/16 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*14 - 130*	*03/07/16 17:11*	*03/09/16 02:47*	*1*
Tetrachloro-m-xylene	*48*		*40 - 130*	*03/07/16 17:11*	*03/09/16 02:47*	*1*

Client Sample ID: MW-4U

Date Collected: 03/01/16 15:45
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-5
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/07/16 17:11	03/09/16 03:01	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/09/16 03:01	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		03/07/16 17:11	03/09/16 03:01	1
Aldrin	<0.0071		0.049	0.0071	ug/L		03/07/16 17:11	03/09/16 03:01	1
alpha-BHC	<0.0033		0.049	0.0033	ug/L		03/07/16 17:11	03/09/16 03:01	1
beta-BHC	<0.0089		0.049	0.0089	ug/L		03/07/16 17:11	03/09/16 03:01	1
Chlordane (technical)	<0.093		0.49	0.093	ug/L		03/07/16 17:11	03/09/16 03:01	1
delta-BHC	<0.0073		0.049	0.0073	ug/L		03/07/16 17:11	03/09/16 03:01	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/07/16 17:11	03/09/16 03:01	1
Endrin ketone	**0.065**		0.049	0.0045	ug/L		03/07/16 17:11	03/09/16 03:01	1
gamma-BHC (Lindane)	<0.0035		0.049	0.0035	ug/L		03/07/16 17:11	03/09/16 03:01	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		03/07/16 17:11	03/09/16 03:01	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/07/16 17:11	03/09/16 03:01	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		03/07/16 17:11	03/09/16 03:01	1
Toxaphene	<0.39		4.9	0.39	ug/L		03/07/16 17:11	03/09/16 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*	*p*	*14 - 130*	*03/07/16 17:11*	*03/09/16 03:01*	*1*
Tetrachloro-m-xylene	*58*	*p*	*40 - 130*	*03/07/16 17:11*	*03/09/16 03:01*	*1*

Client Sample ID: MW-5A

Date Collected: 03/02/16 16:20
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-6
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 15:03	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 15:03	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 15:03	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 15:03	1
alpha-BHC	**0.29**		0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 15:03	1
beta-BHC	**3.0**		0.50	0.091	ug/L		03/09/16 16:13	03/11/16 14:01	10
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 15:03	1
delta-BHC	**0.60**		0.050	0.0075	ug/L		03/09/16 16:13	03/10/16 15:03	1
Dieldrin	**2.2**		0.50	0.038	ug/L		03/09/16 16:13	03/11/16 14:01	10
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 15:03	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 15:03	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 15:03	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 15:03	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 15:03	1
Endrin ketone	**0.13**		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 15:03	1
gamma-BHC (Lindane)	**0.13**		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 15:03	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 15:03	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 15:03	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 15:03	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*14 - 130*	*03/09/16 16:13*	*03/10/16 15:03*	*1*
Tetrachloro-m-xylene	*68*		*40 - 130*	*03/09/16 16:13*	*03/10/16 15:03*	*1*

Client Sample ID: MW-5D

Date Collected: 03/02/16 17:20
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-7
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063	F1	0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 19:01	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 19:01	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 19:01	1
Aldrin	<0.0072	F1	0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 19:01	1
alpha-BHC	**0.18**		0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 19:01	1
beta-BHC	**3.8**		0.50	0.091	ug/L		03/09/16 16:13	03/11/16 14:15	10
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 19:01	1
delta-BHC	**1.2**		0.50	0.075	ug/L		03/09/16 16:13	03/11/16 14:15	10
Dieldrin	**0.13**		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 19:01	1
Endrin ketone	**0.015**	**J**	0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 19:01	1
gamma-BHC (Lindane)	**0.16**		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 19:01	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 19:01	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 19:01	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 19:01	1

Client Sample ID: MW-5D

Date Collected: 03/02/16 17:20
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-7
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*41*		*14 - 130*	*03/09/16 16:13*	*03/10/16 19:01*	*1*
Tetrachloro-m-xylene	*56*		*40 - 130*	*03/09/16 16:13*	*03/10/16 19:01*	*1*

Client Sample ID: MW-6

Date Collected: 03/02/16 13:03
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-8
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/09/16 16:13	03/10/16 15:18	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/09/16 16:13	03/10/16 15:18	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		03/09/16 16:13	03/10/16 15:18	1
Aldrin	<0.0071		0.049	0.0071	ug/L		03/09/16 16:13	03/10/16 15:18	1
alpha-BHC	**0.77**		0.49	0.034	ug/L		03/09/16 16:13	03/11/16 14:58	10
beta-BHC	**1.5**		0.49	0.090	ug/L		03/09/16 16:13	03/11/16 14:58	10
Chlordane (technical)	<0.094		0.49	0.094	ug/L		03/09/16 16:13	03/10/16 15:18	1
delta-BHC	**1.9**	**p**	0.49	0.074	ug/L		03/09/16 16:13	03/11/16 14:58	10
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/09/16 16:13	03/10/16 15:18	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/09/16 16:13	03/10/16 15:18	1
gamma-BHC (Lindane)	**0.010**	**J p**	0.049	0.0035	ug/L		03/09/16 16:13	03/10/16 15:18	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		03/09/16 16:13	03/10/16 15:18	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/09/16 16:13	03/10/16 15:18	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		03/09/16 16:13	03/10/16 15:18	1
Toxaphene	<0.39		4.9	0.39	ug/L		03/09/16 16:13	03/10/16 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*14 - 130*	*03/09/16 16:13*	*03/10/16 15:18*	*1*
Tetrachloro-m-xylene	*42*		*40 - 130*	*03/09/16 16:13*	*03/10/16 15:18*	*1*

Client Sample ID: MW-7

Date Collected: 03/03/16 11:13
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-9
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 14:50	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 14:50	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 14:50	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 14:50	1
alpha-BHC	**0.013**	**J**	0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 14:50	1
beta-BHC	**0.14**		0.050	0.0091	ug/L		03/10/16 15:39	03/11/16 14:50	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 14:50	1

Client Sample ID: MW-7

Date Collected: 03/03/16 11:13
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-9
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 14:50	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 14:50	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 14:50	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 14:50	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 14:50	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 14:50	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 14:50	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*14 - 130*	*03/10/16 15:39*	*03/11/16 14:50*	*1*
Tetrachloro-m-xylene	*36*	*X*	*40 - 130*	*03/10/16 15:39*	*03/11/16 14:50*	*1*

Client Sample ID: MW-8

Date Collected: 03/03/16 18:05
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-10
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.050	0.0062	ug/L		03/10/16 15:39	03/11/16 15:06	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:06	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		03/10/16 15:39	03/11/16 15:06	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 15:06	1
alpha-BHC	**0.043**	**J**	0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 15:06	1
beta-BHC	**1.0**		0.20	0.036	ug/L		03/10/16 15:39	03/11/16 17:06	4
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/10/16 15:39	03/11/16 15:06	1
delta-BHC	**0.056**		0.050	0.0074	ug/L		03/10/16 15:39	03/11/16 15:06	1
Dieldrin	**0.018**	**J**	0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endrin	<0.0052		0.050	0.0052	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endrin aldehyde	**0.0066**	**J**	0.050	0.0060	ug/L		03/10/16 15:39	03/11/16 15:06	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 15:06	1
gamma-BHC (Lindane)	**0.030**	**J**	0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 15:06	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 15:06	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 15:06	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/10/16 15:39	03/11/16 15:06	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*14 - 130*	*03/10/16 15:39*	*03/11/16 15:06*	*1*
Tetrachloro-m-xylene	*43*		*40 - 130*	*03/10/16 15:39*	*03/11/16 15:06*	*1*

Client Sample ID: MW-10

Date Collected: 03/02/16 12:00
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-11

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/09/16 16:13	03/10/16 15:32	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/09/16 16:13	03/10/16 15:32	1
4,4'-DDT	<0.0068		0.049	0.0068	ug/L		03/09/16 16:13	03/10/16 15:32	1
Aldrin	<0.0070		0.049	0.0070	ug/L		03/09/16 16:13	03/10/16 15:32	1
alpha-BHC	**0.40**		0.049	0.0033	ug/L		03/09/16 16:13	03/10/16 15:32	1
beta-BHC	**6.8**		0.98	0.18	ug/L		03/09/16 16:13	03/11/16 15:13	20
Chlordane (technical)	<0.093		0.49	0.093	ug/L		03/09/16 16:13	03/10/16 15:32	1
delta-BHC	**0.38**	**p**	0.049	0.0073	ug/L		03/09/16 16:13	03/10/16 15:32	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/09/16 16:13	03/10/16 15:32	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/09/16 16:13	03/10/16 15:32	1
gamma-BHC (Lindane)	**0.18**		0.049	0.0035	ug/L		03/09/16 16:13	03/10/16 15:32	1
Heptachlor	<0.0069		0.049	0.0069	ug/L		03/09/16 16:13	03/10/16 15:32	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/09/16 16:13	03/10/16 15:32	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		03/09/16 16:13	03/10/16 15:32	1
Toxaphene	<0.39		4.9	0.39	ug/L		03/09/16 16:13	03/10/16 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*14 - 130*	*03/09/16 16:13*	*03/10/16 15:32*	*1*
Tetrachloro-m-xylene	*59*		*40 - 130*	*03/09/16 16:13*	*03/10/16 15:32*	*1*

Client Sample ID: MW-10 Duplicate

Date Collected: 03/03/16 12:00
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-12

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 15:21	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:21	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 15:21	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 15:21	1
alpha-BHC	**0.37**		0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 15:21	1
beta-BHC	**6.5**		1.0	0.18	ug/L		03/10/16 15:39	03/11/16 17:20	20
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 15:21	1
delta-BHC	**0.36**	**p**	0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 15:21	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 15:21	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 15:21	1
gamma-BHC (Lindane)	**0.17**		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 15:21	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 15:21	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 15:21	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 15:21	1

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-10 Duplicate

Lab Sample ID: 680-122659-12
Date Collected: 03/03/16 12:00
Matrix: Water
Date Received: 03/05/16 11:43

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*14 - 130*	*03/10/16 15:39*	*03/11/16 15:21*	*1*
Tetrachloro-m-xylene	*49*		*40 - 130*	*03/10/16 15:39*	*03/11/16 15:21*	*1*

Client Sample ID: MW-11

Lab Sample ID: 680-122659-13
Date Collected: 02/29/16 18:15
Matrix: Water
Date Received: 03/05/16 11:43

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/07/16 17:11	03/10/16 16:59	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/10/16 16:59	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		03/07/16 17:11	03/10/16 16:59	1
Aldrin	<0.0071		0.049	0.0071	ug/L		03/07/16 17:11	03/10/16 16:59	1
alpha-BHC	<0.0033		0.049	0.0033	ug/L		03/07/16 17:11	03/10/16 16:59	1
beta-BHC	<0.0089		0.049	0.0089	ug/L		03/07/16 17:11	03/10/16 16:59	1
Chlordane (technical)	<0.093		0.49	0.093	ug/L		03/07/16 17:11	03/10/16 16:59	1
delta-BHC	<0.0073		0.049	0.0073	ug/L		03/07/16 17:11	03/10/16 16:59	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/07/16 17:11	03/10/16 16:59	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/07/16 17:11	03/10/16 16:59	1
gamma-BHC (Lindane)	<0.0035		0.049	0.0035	ug/L		03/07/16 17:11	03/10/16 16:59	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		03/07/16 17:11	03/10/16 16:59	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/07/16 17:11	03/10/16 16:59	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		03/07/16 17:11	03/10/16 16:59	1
Toxaphene	<0.39		4.9	0.39	ug/L		03/07/16 17:11	03/10/16 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*14 - 130*	*03/07/16 17:11*	*03/10/16 16:59*	*1*
Tetrachloro-m-xylene	*61*		*40 - 130*	*03/07/16 17:11*	*03/10/16 16:59*	*1*

Client Sample ID: MW-12

Lab Sample ID: 680-122659-14
Date Collected: 03/02/16 15:28
Matrix: Water
Date Received: 03/05/16 11:43

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.050	0.0062	ug/L		03/09/16 16:13	03/10/16 15:47	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 15:47	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		03/09/16 16:13	03/10/16 15:47	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 15:47	1
alpha-BHC	**0.0063**	**J p**	0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 15:47	1
beta-BHC	**0.47**		0.050	0.0090	ug/L		03/09/16 16:13	03/10/16 15:47	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/09/16 16:13	03/10/16 15:47	1

Client Sample ID: MW-12

Date Collected: 03/02/16 15:28
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-14
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0074		0.050	0.0074	ug/L		03/09/16 16:13	03/10/16 15:47	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endrin aldehyde	<0.0060		0.050	0.0060	ug/L		03/09/16 16:13	03/10/16 15:47	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 15:47	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 15:47	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 15:47	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 15:47	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/09/16 16:13	03/10/16 15:47	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*14 - 130*	*03/09/16 16:13*	*03/10/16 15:47*	*1*
Tetrachloro-m-xylene	*50*		*40 - 130*	*03/09/16 16:13*	*03/10/16 15:47*	*1*

Client Sample ID: MW-13

Date Collected: 03/02/16 14:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-15
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 16:01	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:01	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 16:01	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 16:01	1
alpha-BHC	**0.028**	**J**	0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 16:01	1
beta-BHC	**4.5**		0.50	0.091	ug/L		03/09/16 16:13	03/11/16 15:27	10
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 16:01	1
delta-BHC	**0.038**	**J p**	0.050	0.0075	ug/L		03/09/16 16:13	03/10/16 16:01	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 16:01	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 16:01	1
gamma-BHC (Lindane)	**0.022**	**J p**	0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 16:01	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 16:01	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 16:01	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 16:01	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*14 - 130*	*03/09/16 16:13*	*03/10/16 16:01*	*1*
Tetrachloro-m-xylene	*54*		*40 - 130*	*03/09/16 16:13*	*03/10/16 16:01*	*1*

Client Sample ID: MW-14

Date Collected: 03/02/16 11:58
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-16
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 16:16	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:16	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 16:16	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 16:16	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 16:16	1
beta-BHC	**0.13**		0.050	0.0091	ug/L		03/09/16 16:13	03/10/16 16:16	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 16:16	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/09/16 16:13	03/10/16 16:16	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 16:16	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 16:16	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 16:16	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 16:16	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 16:16	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 16:16	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*14 - 130*	*03/09/16 16:13*	*03/10/16 16:16*	*1*
Tetrachloro-m-xylene	*46*		*40 - 130*	*03/09/16 16:13*	*03/10/16 16:16*	*1*

Client Sample ID: MW-15

Date Collected: 03/01/16 11:45
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-17
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/07/16 17:11	03/10/16 17:14	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/10/16 17:14	1
4,4'-DDT	<0.0068		0.049	0.0068	ug/L		03/07/16 17:11	03/10/16 17:14	1
Aldrin	<0.0070		0.049	0.0070	ug/L		03/07/16 17:11	03/10/16 17:14	1
alpha-BHC	**0.11**		0.049	0.0033	ug/L		03/07/16 17:11	03/10/16 17:14	1
beta-BHC	**0.41**		0.049	0.0089	ug/L		03/07/16 17:11	03/10/16 17:14	1
Chlordane (technical)	<0.093		0.49	0.093	ug/L		03/07/16 17:11	03/10/16 17:14	1
delta-BHC	**0.013**	**J p**	0.049	0.0073	ug/L		03/07/16 17:11	03/10/16 17:14	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/07/16 17:11	03/10/16 17:14	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/07/16 17:11	03/10/16 17:14	1
gamma-BHC (Lindane)	**0.065**		0.049	0.0035	ug/L		03/07/16 17:11	03/10/16 17:14	1
Heptachlor	<0.0069		0.049	0.0069	ug/L		03/07/16 17:11	03/10/16 17:14	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/07/16 17:11	03/10/16 17:14	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		03/07/16 17:11	03/10/16 17:14	1

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-15

Date Collected: 03/01/16 11:45
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-17
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.39		4.9	0.39	ug/L		03/07/16 17:11	03/10/16 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*14 - 130*	*03/07/16 17:11*	*03/10/16 17:14*	*1*
Tetrachloro-m-xylene	*78*		*40 - 130*	*03/07/16 17:11*	*03/10/16 17:14*	*1*

Client Sample ID: MW-16

Date Collected: 03/03/16 10:34
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-18
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 15:37	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:37	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 15:37	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 15:37	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 15:37	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		03/10/16 15:39	03/11/16 15:37	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 15:37	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 15:37	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 15:37	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 15:37	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 15:37	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 15:37	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 15:37	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 15:37	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*14 - 130*	*03/10/16 15:39*	*03/11/16 15:37*	*1*
Tetrachloro-m-xylene	*47*		*40 - 130*	*03/10/16 15:39*	*03/11/16 15:37*	*1*

Client Sample ID: MW-17

Date Collected: 03/02/16 10:10
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-19
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 16:30	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:30	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 16:30	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 16:30	1
alpha-BHC	**0.0054**	**J p**	0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 16:30	1
beta-BHC	**0.24**		0.050	0.0090	ug/L		03/09/16 16:13	03/10/16 16:30	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/09/16 16:13	03/10/16 16:30	1

Client Sample ID: MW-17

Date Collected: 03/02/16 10:10
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-19

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	**0.012**	**J p**	0.050	0.0074	ug/L		03/09/16 16:13	03/10/16 16:30	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 16:30	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 16:30	1
gamma-BHC (Lindane)	**0.0053**	**J**	0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 16:30	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 16:30	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 16:30	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/09/16 16:13	03/10/16 16:30	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*14 - 130*	*03/09/16 16:13*	*03/10/16 16:30*	*1*
Tetrachloro-m-xylene	*56*		*40 - 130*	*03/09/16 16:13*	*03/10/16 16:30*	*1*

Client Sample ID: MW-18

Date Collected: 03/01/16 10:40
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-20

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/10/16 17:28	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/10/16 17:28	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/10/16 17:28	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/07/16 17:11	03/10/16 17:28	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/07/16 17:11	03/10/16 17:28	1
beta-BHC	**0.18**		0.050	0.0091	ug/L		03/07/16 17:11	03/10/16 17:28	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/07/16 17:11	03/10/16 17:28	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/07/16 17:11	03/10/16 17:28	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/10/16 17:28	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/10/16 17:28	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/07/16 17:11	03/10/16 17:28	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/10/16 17:28	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/10/16 17:28	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/07/16 17:11	03/10/16 17:28	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/10/16 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*14 - 130*	*03/07/16 17:11*	*03/10/16 17:28*	*1*
Tetrachloro-m-xylene	*28*	*X*	*40 - 130*	*03/07/16 17:11*	*03/10/16 17:28*	*1*

Client Sample ID: MW-19

Date Collected: 03/01/16 09:41
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-21

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/10/16 17:43	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/10/16 17:43	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/10/16 17:43	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/07/16 17:11	03/10/16 17:43	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/07/16 17:11	03/10/16 17:43	1
beta-BHC	**0.058**		0.050	0.0091	ug/L		03/07/16 17:11	03/10/16 17:43	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/07/16 17:11	03/10/16 17:43	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/07/16 17:11	03/10/16 17:43	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/10/16 17:43	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/10/16 17:43	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/07/16 17:11	03/10/16 17:43	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/10/16 17:43	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/10/16 17:43	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/07/16 17:11	03/10/16 17:43	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/10/16 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*14 - 130*	*03/07/16 17:11*	*03/10/16 17:43*	*1*
Tetrachloro-m-xylene	*56*		*40 - 130*	*03/07/16 17:11*	*03/10/16 17:43*	*1*

Client Sample ID: MW-20

Date Collected: 03/03/16 16:03
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-22

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 15:52	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:52	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 15:52	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 15:52	1
alpha-BHC	**0.012**	**J**	0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 15:52	1
beta-BHC	**1.3**		0.25	0.045	ug/L		03/10/16 15:39	03/11/16 17:35	5
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/10/16 15:39	03/11/16 15:52	1
delta-BHC	**0.018**	**J**	0.050	0.0074	ug/L		03/10/16 15:39	03/11/16 15:52	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 15:52	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 15:52	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 15:52	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 15:52	1
Heptachlor epoxide	**0.0081**	**J p**	0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 15:52	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/10/16 15:39	03/11/16 15:52	1

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-20

Date Collected: 03/03/16 16:03
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-22
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*14 - 130*	*03/10/16 15:39*	*03/11/16 15:52*	*1*
Tetrachloro-m-xylene	*48*		*40 - 130*	*03/10/16 15:39*	*03/11/16 15:52*	*1*

Client Sample ID: MW-21

Date Collected: 03/03/16 15:06
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-23
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 16:07	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:07	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 16:07	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 16:07	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 16:07	1
beta-BHC	**1.7**		0.25	0.045	ug/L		03/10/16 15:39	03/11/16 17:49	5
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 16:07	1
delta-BHC	**0.010**	**J**	0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 16:07	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 16:07	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 16:07	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 16:07	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 16:07	1
Heptachlor epoxide	**0.0062**	**J p**	0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 16:07	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 16:07	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*20*		*14 - 130*	*03/10/16 15:39*	*03/11/16 16:07*	*1*
Tetrachloro-m-xylene	*44*		*40 - 130*	*03/10/16 15:39*	*03/11/16 16:07*	*1*

Client Sample ID: MW-22

Date Collected: 03/03/16 16:50
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-24
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.050	0.0062	ug/L		03/10/16 15:39	03/11/16 16:23	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:23	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		03/10/16 15:39	03/11/16 16:23	1
Aldrin	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 16:23	1
alpha-BHC	**0.61**		0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 16:23	1
beta-BHC	**19**		2.0	0.36	ug/L		03/10/16 15:39	03/11/16 18:03	40
Chlordane (technical)	<0.094		0.50	0.094	ug/L		03/10/16 15:39	03/11/16 16:23	1

Client Sample ID: MW-22

Date Collected: 03/03/16 16:50
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-24
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	**1.9**	**J**	2.0	0.30	ug/L		03/10/16 15:39	03/11/16 18:03	40
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endosulfan sulfate	**0.028**	**J**	0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endrin aldehyde	<0.0060		0.050	0.0060	ug/L		03/10/16 15:39	03/11/16 16:23	1
Endrin ketone	**0.041**	**J**	0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 16:23	1
gamma-BHC (Lindane)	**0.35**		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 16:23	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 16:23	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 16:23	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		03/10/16 15:39	03/11/16 16:23	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*		*14 - 130*	*03/10/16 15:39*	*03/11/16 16:23*	*1*
Tetrachloro-m-xylene	*49*		*40 - 130*	*03/10/16 15:39*	*03/11/16 16:23*	*1*

Client Sample ID: MW-23

Date Collected: 03/03/16 09:25
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-25
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 16:38	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:38	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 16:38	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 16:38	1
alpha-BHC	**0.017**	**J**	0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 16:38	1
beta-BHC	**5.1**		1.0	0.18	ug/L		03/10/16 15:39	03/11/16 18:46	20
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 16:38	1
delta-BHC	**0.011**	**J p**	0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 16:38	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 16:38	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 16:38	1
gamma-BHC (Lindane)	**0.048**	**J**	0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 16:38	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 16:38	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 16:38	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 16:38	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*25*		*14 - 130*	*03/10/16 15:39*	*03/11/16 16:38*	*1*
Tetrachloro-m-xylene	*57*		*40 - 130*	*03/10/16 15:39*	*03/11/16 16:38*	*1*

Client Sample ID: MW-24

Date Collected: 03/02/16 09:18
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-26
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 16:45	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:45	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 16:45	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 16:45	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 16:45	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		03/09/16 16:13	03/10/16 16:45	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 16:45	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/09/16 16:13	03/10/16 16:45	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 16:45	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 16:45	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 16:45	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 16:45	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 16:45	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 16:45	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*14 - 130*	*03/09/16 16:13*	*03/10/16 16:45*	*1*
Tetrachloro-m-xylene	*64*		*40 - 130*	*03/09/16 16:13*	*03/10/16 16:45*	*1*

Client Sample ID: Equipment Blank

Date Collected: 03/03/16 17:15
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-27
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		03/10/16 15:39	03/11/16 16:54	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		03/10/16 15:39	03/11/16 16:54	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		03/10/16 15:39	03/11/16 16:54	1
Aldrin	<0.0071		0.049	0.0071	ug/L		03/10/16 15:39	03/11/16 16:54	1
alpha-BHC	<0.0033		0.049	0.0033	ug/L		03/10/16 15:39	03/11/16 16:54	1
beta-BHC	<0.0090		0.049	0.0090	ug/L		03/10/16 15:39	03/11/16 16:54	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		03/10/16 15:39	03/11/16 16:54	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		03/10/16 15:39	03/11/16 16:54	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endrin	<0.0052		0.049	0.0052	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		03/10/16 15:39	03/11/16 16:54	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		03/10/16 15:39	03/11/16 16:54	1
gamma-BHC (Lindane)	<0.0035		0.049	0.0035	ug/L		03/10/16 15:39	03/11/16 16:54	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		03/10/16 15:39	03/11/16 16:54	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		03/10/16 15:39	03/11/16 16:54	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		03/10/16 15:39	03/11/16 16:54	1

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: Equipment Blank
Date Collected: 03/03/16 17:15
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-27
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continue

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.39		4.9	0.39	ug/L		03/10/16 15:39	03/11/16 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*14 - 130*	*03/10/16 15:39*	*03/11/16 16:54*	*1*
Tetrachloro-m-xylene	*60*		*40 - 130*	*03/10/16 15:39*	*03/11/16 16:54*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-424119/20-A
Matrix: Water
Analysis Batch: 424308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 424119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/07/16 17:11	03/08/16 19:46	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/08/16 19:46	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/07/16 17:11	03/08/16 19:46	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/07/16 17:11	03/08/16 19:46	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/07/16 17:11	03/08/16 19:46	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		03/07/16 17:11	03/08/16 19:46	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/07/16 17:11	03/08/16 19:46	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/07/16 17:11	03/08/16 19:46	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/07/16 17:11	03/08/16 19:46	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/07/16 17:11	03/08/16 19:46	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/07/16 17:11	03/08/16 19:46	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/07/16 17:11	03/08/16 19:46	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/07/16 17:11	03/08/16 19:46	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/07/16 17:11	03/08/16 19:46	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/07/16 17:11	03/08/16 19:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*14 - 130*	*03/07/16 17:11*	*03/08/16 19:46*	*1*
Tetrachloro-m-xylene	*74*		*40 - 130*	*03/07/16 17:11*	*03/08/16 19:46*	*1*

Lab Sample ID: LCS 680-424119/21-A
Matrix: Water
Analysis Batch: 424308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0815	p	ug/L		81	54 - 135
4,4'-DDE	0.100	0.0913		ug/L		91	47 - 130
4,4'-DDT	0.100	0.0945		ug/L		95	47 - 134
Aldrin	0.100	0.103		ug/L		103	34 - 130
alpha-BHC	0.100	0.0944		ug/L		94	48 - 130
beta-BHC	0.100	0.103		ug/L		103	29 - 174
delta-BHC	0.100	0.0934		ug/L		93	44 - 142
Dieldrin	0.100	0.0963		ug/L		96	54 - 130
Endosulfan I	0.100	0.0979		ug/L		98	40 - 131
Endosulfan II	0.100	0.0967		ug/L		97	44 - 137
Endosulfan sulfate	0.100	0.100		ug/L		100	49 - 139
Endrin	0.100	0.0788		ug/L		79	59 - 143
Endrin aldehyde	0.100	0.0933		ug/L		93	45 - 166
Endrin ketone	0.100	0.109		ug/L		109	56 - 137
gamma-BHC (Lindane)	0.100	0.0906		ug/L		91	52 - 130
Heptachlor	0.100	0.0795		ug/L		80	35 - 130

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-424119/21-A
Matrix: Water
Analysis Batch: 424308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor epoxide	0.100	0.101		ug/L		101	52 - 130
Methoxychlor	0.100	0.102		ug/L		102	52 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*73*		*14 - 130*
Tetrachloro-m-xylene	*72*		*40 - 130*

Lab Sample ID: MB 680-424405/21-A
Matrix: Water
Analysis Batch: 424567

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 424405

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/09/16 16:13	03/10/16 14:58	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 14:58	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/09/16 16:13	03/10/16 14:58	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/09/16 16:13	03/10/16 14:58	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/09/16 16:13	03/10/16 14:58	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		03/09/16 16:13	03/10/16 14:58	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/09/16 16:13	03/10/16 14:58	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/09/16 16:13	03/10/16 14:58	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/09/16 16:13	03/10/16 14:58	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/09/16 16:13	03/10/16 14:58	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/09/16 16:13	03/10/16 14:58	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/09/16 16:13	03/10/16 14:58	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/09/16 16:13	03/10/16 14:58	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/09/16 16:13	03/10/16 14:58	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/09/16 16:13	03/10/16 14:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*14 - 130*	*03/09/16 16:13*	*03/10/16 14:58*	*1*
Tetrachloro-m-xylene	*82*		*40 - 130*	*03/09/16 16:13*	*03/10/16 14:58*	*1*

Lab Sample ID: LCS 680-424405/22-A
Matrix: Water
Analysis Batch: 424567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0719		ug/L		72	54 - 135
4,4'-DDE	0.100	0.0827		ug/L		83	47 - 130
4,4'-DDT	0.100	0.0839		ug/L		84	47 - 134
Aldrin	0.100	0.0804		ug/L		80	34 - 130

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-424405/22-A
Matrix: Water
Analysis Batch: 424567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.100	0.0854		ug/L		85	48 - 130
beta-BHC	0.100	0.0945		ug/L		94	29 - 174
delta-BHC	0.100	0.0886		ug/L		89	44 - 142
Dieldrin	0.100	0.0861		ug/L		86	54 - 130
Endosulfan I	0.100	0.0856		ug/L		86	40 - 131
Endosulfan II	0.100	0.0854		ug/L		85	44 - 137
Endosulfan sulfate	0.100	0.0832		ug/L		83	49 - 139
Endrin	0.100	0.0844		ug/L		84	59 - 143
Endrin aldehyde	0.100	0.0823		ug/L		82	45 - 166
Endrin ketone	0.100	0.0869		ug/L		87	56 - 137
gamma-BHC (Lindane)	0.100	0.0855		ug/L		86	52 - 130
Heptachlor	0.100	0.0803		ug/L		80	35 - 130
Heptachlor epoxide	0.100	0.0926		ug/L		93	52 - 130
Methoxychlor	0.100	0.0837		ug/L		84	52 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*48*		*14 - 130*
Tetrachloro-m-xylene	*68*		*40 - 130*

Lab Sample ID: 680-122659-7 MS
Matrix: Water
Analysis Batch: 424567

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	<0.0063	F1	0.0995	0.0644		ug/L		65	54 - 135
4,4'-DDE	<0.0051		0.0995	0.0674		ug/L		68	47 - 130
4,4'-DDT	<0.0070		0.0995	0.0669		ug/L		67	47 - 134
Aldrin	<0.0072	F1	0.0995	0.0306	J p F1	ug/L		31	34 - 130
alpha-BHC	0.18		0.0995	0.293		ug/L		110	48 - 130
Dieldrin	0.13		0.0995	0.210		ug/L		84	54 - 130
Endosulfan I	<0.0035		0.0995	0.0657	p	ug/L		66	40 - 131
Endosulfan II	<0.0042		0.0995	0.0721		ug/L		72	44 - 137
Endosulfan sulfate	<0.0051		0.0995	0.0814		ug/L		82	49 - 139
Endrin	<0.0053		0.0995	0.0752		ug/L		76	59 - 143
Endrin aldehyde	<0.0061		0.0995	0.0791		ug/L		79	45 - 166
Endrin ketone	0.015	J	0.0995	0.0759		ug/L		61	56 - 137
gamma-BHC (Lindane)	0.16		0.0995	0.256		ug/L		92	52 - 130
Heptachlor	<0.0071		0.0995	0.0476	J	ug/L		48	35 - 130
Heptachlor epoxide	<0.0037		0.0995	0.0771		ug/L		78	52 - 130
Methoxychlor	<0.0098		0.0995	0.0686		ug/L		69	52 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*40*		*14 - 130*
Tetrachloro-m-xylene	*54*		*40 - 130*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-122659-7 MS
Matrix: Water
Analysis Batch: 424738

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
beta-BHC	3.8		0.0995	4.65	4	ug/L		817	29 - 174
delta-BHC	1.2		0.0995	1.42	4	ug/L		261	44 - 142

Lab Sample ID: 680-122659-7 MSD
Matrix: Water
Analysis Batch: 424567

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	<0.0063	F1	0.0916	0.0594		ug/L		65	54 - 135	8	50
4,4'-DDE	<0.0051		0.0916	0.0708		ug/L		77	47 - 130	5	50
4,4'-DDT	<0.0070		0.0916	0.0650		ug/L		71	47 - 134	3	50
Aldrin	<0.0072	F1	0.0916	0.0483	p	ug/L		53	34 - 130	45	50
alpha-BHC	0.18		0.0916	0.272		ug/L		98	48 - 130	7	50
Dieldrin	0.13		0.0916	0.198		ug/L		79	54 - 130	6	50
Endosulfan I	<0.0035		0.0916	0.0541	p	ug/L		59	40 - 131	19	50
Endosulfan II	<0.0042		0.0916	0.0654		ug/L		71	44 - 137	10	50
Endosulfan sulfate	<0.0051		0.0916	0.0773		ug/L		84	49 - 139	5	50
Endrin	<0.0053		0.0916	0.0698		ug/L		76	59 - 143	7	50
Endrin aldehyde	<0.0061		0.0916	0.0726		ug/L		79	45 - 166	9	50
Endrin ketone	0.015	J	0.0916	0.0763		ug/L		67	56 - 137	0	50
gamma-BHC (Lindane)	0.16		0.0916	0.235		ug/L		77	52 - 130	8	50
Heptachlor	<0.0071		0.0916	0.0611		ug/L		67	35 - 130	25	50
Heptachlor epoxide	<0.0037		0.0916	0.0823		ug/L		90	52 - 130	7	50
Methoxychlor	<0.0098		0.0916	0.0702		ug/L		77	52 - 136	2	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*44*		*14 - 130*
Tetrachloro-m-xylene	*58*		*40 - 130*

Lab Sample ID: 680-122659-7 MSD
Matrix: Water
Analysis Batch: 424738

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 424405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
beta-BHC	3.8		0.0916	4.33	4	ug/L		544	29 - 174	7	50
delta-BHC	1.2		0.0916	1.33	4	ug/L		182	44 - 142	7	50

Lab Sample ID: MB 680-424550/21-A
Matrix: Water
Analysis Batch: 424749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 424550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		03/10/16 15:39	03/11/16 13:48	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 13:48	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		03/10/16 15:39	03/11/16 13:48	1
Aldrin	<0.0072		0.050	0.0072	ug/L		03/10/16 15:39	03/11/16 13:48	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		03/10/16 15:39	03/11/16 13:48	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-424550/21-A
Matrix: Water
Analysis Batch: 424749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 424550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0091		0.050	0.0091	ug/L		03/10/16 15:39	03/11/16 13:48	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		03/10/16 15:39	03/11/16 13:48	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		03/10/16 15:39	03/11/16 13:48	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endrin	<0.0053		0.050	0.0053	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		03/10/16 15:39	03/11/16 13:48	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		03/10/16 15:39	03/11/16 13:48	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		03/10/16 15:39	03/11/16 13:48	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		03/10/16 15:39	03/11/16 13:48	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		03/10/16 15:39	03/11/16 13:48	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		03/10/16 15:39	03/11/16 13:48	1
Toxaphene	<0.40		5.0	0.40	ug/L		03/10/16 15:39	03/11/16 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*14 - 130*	*03/10/16 15:39*	*03/11/16 13:48*	*1*
Tetrachloro-m-xylene	*78*		*40 - 130*	*03/10/16 15:39*	*03/11/16 13:48*	*1*

Lab Sample ID: LCS 680-424550/22-A
Matrix: Water
Analysis Batch: 424749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0760		ug/L		76	54 - 135
4,4'-DDE	0.100	0.0793		ug/L		79	47 - 130
4,4'-DDT	0.100	0.0873		ug/L		87	47 - 134
Aldrin	0.100	0.0751		ug/L		75	34 - 130
alpha-BHC	0.100	0.0801		ug/L		80	48 - 130
beta-BHC	0.100	0.0838		ug/L		84	29 - 174
delta-BHC	0.100	0.0793		ug/L		79	44 - 142
Dieldrin	0.100	0.0838		ug/L		84	54 - 130
Endosulfan I	0.100	0.0787		ug/L		79	40 - 131
Endosulfan II	0.100	0.0866		ug/L		87	44 - 137
Endosulfan sulfate	0.100	0.0862		ug/L		86	49 - 139
Endrin	0.100	0.0954		ug/L		95	59 - 143
Endrin aldehyde	0.100	0.0944		ug/L		94	45 - 166
Endrin ketone	0.100	0.0842		ug/L		84	56 - 137
gamma-BHC (Lindane)	0.100	0.0762		ug/L		76	52 - 130
Heptachlor	0.100	0.0754		ug/L		75	35 - 130
Heptachlor epoxide	0.100	0.0826		ug/L		83	52 - 130
Methoxychlor	0.100	0.0946		ug/L		95	52 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*53*		*14 - 130*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-424550/22-A
Matrix: Water
Analysis Batch: 424749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 424550

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*63*		*40 - 130*

Lab Sample ID: 680-122659-24 MS
Matrix: Water
Analysis Batch: 424749

Client Sample ID: MW-22
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	<0.0062		0.0992	0.0827		ug/L		83	54 - 135
4,4'-DDE	<0.0051		0.0992	0.0744	p	ug/L		75	47 - 130
4,4'-DDT	<0.0069		0.0992	0.0707	p	ug/L		71	47 - 134
Aldrin	<0.0071		0.0992	0.0472	J p	ug/L		48	34 - 130
alpha-BHC	0.61		0.0992	0.750	4	ug/L		143	48 - 130
Dieldrin	<0.0038		0.0992	0.112		ug/L		113	54 - 130
Endosulfan I	<0.0035		0.0992	<0.0035	F1	ug/L		0	40 - 131
Endosulfan II	<0.0042		0.0992	0.165	F1	ug/L		167	44 - 137
Endosulfan sulfate	0.028	J	0.0992	0.101		ug/L		73	49 - 139
Endrin	<0.0053		0.0992	0.124		ug/L		125	59 - 143
Endrin aldehyde	<0.0060		0.0992	0.0836	p	ug/L		84	45 - 166
Endrin ketone	0.041	J	0.0992	0.102		ug/L		61	56 - 137
gamma-BHC (Lindane)	0.35		0.0992	0.464		ug/L		113	52 - 130
Heptachlor	<0.0070		0.0992	0.0497	J p	ug/L		50	35 - 130
Heptachlor epoxide	<0.0037		0.0992	0.0806	p	ug/L		81	52 - 130
Methoxychlor	<0.0097		0.0992	0.107		ug/L		108	52 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	*56*		*14 - 130*
Tetrachloro-m-xylene	*53*		*40 - 130*

Lab Sample ID: 680-122659-24 MS
Matrix: Water
Analysis Batch: 424738

Client Sample ID: MW-22
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
beta-BHC	19		0.0992	21.7	4	ug/L		2353	29 - 174
delta-BHC	1.9	J	0.0992	2.21	4	ug/L		284	44 - 142

Lab Sample ID: 680-122659-24 MSD
Matrix: Water
Analysis Batch: 424749

Client Sample ID: MW-22
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	<0.0062		0.0920	0.0948		ug/L		103	54 - 135	14	50
4,4'-DDE	<0.0051		0.0920	0.0908		ug/L		99	47 - 130	20	50
4,4'-DDT	<0.0069		0.0920	0.0830	p	ug/L		90	47 - 134	16	50
Aldrin	<0.0071		0.0920	0.0603	p	ug/L		66	34 - 130	24	50
alpha-BHC	0.61		0.0920	0.734	4	ug/L		136	48 - 130	2	50
Dieldrin	<0.0038		0.0920	0.121	F1	ug/L		132	54 - 130	8	50

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-122659-24 MSD
Matrix: Water
Analysis Batch: 424749

Client Sample ID: MW-22
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endosulfan I	<0.0035		0.0920	0.628	F1	ug/L		683	40 - 131	NC	50
Endosulfan II	<0.0042		0.0920	0.176	F1	ug/L		192	44 - 137	6	50
Endosulfan sulfate	0.028	J	0.0920	0.108		ug/L		87	49 - 139	7	50
Endrin	<0.0053		0.0920	0.154	F1	ug/L		168	59 - 143	22	50
Endrin aldehyde	<0.0060		0.0920	0.0847	p	ug/L		92	45 - 166	1	50
Endrin ketone	0.041	J	0.0920	0.116		ug/L		82	56 - 137	14	50
gamma-BHC (Lindane)	0.35		0.0920	0.457		ug/L		115	52 - 130	1	50
Heptachlor	<0.0070		0.0920	0.0888	F2	ug/L		97	35 - 130	57	50
Heptachlor epoxide	<0.0037		0.0920	0.0848	p	ug/L		92	52 - 130	5	50
Methoxychlor	<0.0097		0.0920	0.126	F1	ug/L		137	52 - 136	16	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*48*		*14 - 130*
Tetrachloro-m-xylene	*51*		*40 - 130*

Lab Sample ID: 680-122659-24 MSD
Matrix: Water
Analysis Batch: 424738

Client Sample ID: MW-22
Prep Type: Total/NA
Prep Batch: 424550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
beta-BHC	19		0.0920	21.0	4	ug/L		1751	29 - 174	3	50
delta-BHC	1.9	J	0.0920	2.16	4	ug/L		251	44 - 142	2	50

GC Semi VOA

Prep Batch: 424119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-1	MW-1	Total/NA	Water	3520C	
680-122659-2	MW-1A	Total/NA	Water	3520C	
680-122659-3	MW-2	Total/NA	Water	3520C	
680-122659-4	MW-3	Total/NA	Water	3520C	
680-122659-5	MW-4U	Total/NA	Water	3520C	
680-122659-13	MW-11	Total/NA	Water	3520C	
680-122659-17	MW-15	Total/NA	Water	3520C	
680-122659-20	MW-18	Total/NA	Water	3520C	
680-122659-21	MW-19	Total/NA	Water	3520C	
LCS 680-424119/21-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-424119/20-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 424308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-1	MW-1	Total/NA	Water	8081B/8082A	424678
680-122659-2	MW-1A	Total/NA	Water	8081B/8082A	424678
680-122659-3	MW-2	Total/NA	Water	8081B/8082A	424678
680-122659-4	MW-3	Total/NA	Water	8081B/8082A	424678
680-122659-5	MW-4U	Total/NA	Water	8081B/8082A	424678
LCS 680-424119/21-A	Lab Control Sample	Total/NA	Water	8081B/8082A	424119
MB 680-424119/20-A	Method Blank	Total/NA	Water	8081B/8082A	424119

Prep Batch: 424405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-6	MW-5A	Total/NA	Water	3520C	
680-122659-7	MW-5D	Total/NA	Water	3520C	
680-122659-7 MS	MW-5D	Total/NA	Water	3520C	
680-122659-7 MSD	MW-5D	Total/NA	Water	3520C	
680-122659-8	MW-6	Total/NA	Water	3520C	
680-122659-11	MW-10	Total/NA	Water	3520C	
680-122659-14	MW-12	Total/NA	Water	3520C	
680-122659-15	MW-13	Total/NA	Water	3520C	
680-122659-16	MW-14	Total/NA	Water	3520C	
680-122659-19	MW-17	Total/NA	Water	3520C	
680-122659-26	MW-24	Total/NA	Water	3520C	
LCS 680-424405/22-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-424405/21-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 424550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-9	MW-7	Total/NA	Water	3520C	
680-122659-10	MW-8	Total/NA	Water	3520C	
680-122659-12	MW-10 Duplicate	Total/NA	Water	3520C	
680-122659-18	MW-16	Total/NA	Water	3520C	
680-122659-22	MW-20	Total/NA	Water	3520C	
680-122659-23	MW-21	Total/NA	Water	3520C	
680-122659-24	MW-22	Total/NA	Water	3520C	
680-122659-24 MS	MW-22	Total/NA	Water	3520C	
680-122659-24 MSD	MW-22	Total/NA	Water	3520C	
680-122659-25	MW-23	Total/NA	Water	3520C	
680-122659-27	Equipment Blank	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Prep Batch: 424550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-424550/22-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-424550/21-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 424567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-7	MW-5D	Total/NA	Water	8081B/8082A	424759
680-122659-7 MS	MW-5D	Total/NA	Water	8081B/8082A	424759
680-122659-7 MSD	MW-5D	Total/NA	Water	8081B/8082A	424759
LCS 680-424405/22-A	Lab Control Sample	Total/NA	Water	8081B/8082A	424405
MB 680-424405/21-A	Method Blank	Total/NA	Water	8081B/8082A	424405

Analysis Batch: 424571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-6	MW-5A	Total/NA	Water	8081B/8082A	424759
680-122659-8	MW-6	Total/NA	Water	8081B/8082A	424759
680-122659-11	MW-10	Total/NA	Water	8081B/8082A	424759
680-122659-13	MW-11	Total/NA	Water	8081B/8082A	424678
680-122659-14	MW-12	Total/NA	Water	8081B/8082A	424759
680-122659-15	MW-13	Total/NA	Water	8081B/8082A	424759
680-122659-16	MW-14	Total/NA	Water	8081B/8082A	424759
680-122659-17	MW-15	Total/NA	Water	8081B/8082A	424678
680-122659-19	MW-17	Total/NA	Water	8081B/8082A	424759
680-122659-20	MW-18	Total/NA	Water	8081B/8082A	424678
680-122659-21	MW-19	Total/NA	Water	8081B/8082A	424678
680-122659-26	MW-24	Total/NA	Water	8081B/8082A	424759

Cleanup Batch: 424678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-1	MW-1	Total/NA	Water	3660B	424119
680-122659-2	MW-1A	Total/NA	Water	3660B	424119
680-122659-3	MW-2	Total/NA	Water	3660B	424119
680-122659-4	MW-3	Total/NA	Water	3660B	424119
680-122659-5	MW-4U	Total/NA	Water	3660B	424119
680-122659-13	MW-11	Total/NA	Water	3660B	424119
680-122659-17	MW-15	Total/NA	Water	3660B	424119
680-122659-20	MW-18	Total/NA	Water	3660B	424119
680-122659-21	MW-19	Total/NA	Water	3660B	424119

Analysis Batch: 424738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-6	MW-5A	Total/NA	Water	8081B/8082A	424759
680-122659-7	MW-5D	Total/NA	Water	8081B/8082A	424759
680-122659-7 MS	MW-5D	Total/NA	Water	8081B/8082A	424759
680-122659-7 MSD	MW-5D	Total/NA	Water	8081B/8082A	424759
680-122659-8	MW-6	Total/NA	Water	8081B/8082A	424759
680-122659-10	MW-8	Total/NA	Water	8081B/8082A	424941
680-122659-11	MW-10	Total/NA	Water	8081B/8082A	424759
680-122659-12	MW-10 Duplicate	Total/NA	Water	8081B/8082A	424941
680-122659-15	MW-13	Total/NA	Water	8081B/8082A	424759
680-122659-22	MW-20	Total/NA	Water	8081B/8082A	424941
680-122659-23	MW-21	Total/NA	Water	8081B/8082A	424941

GC Semi VOA (Continued)

Analysis Batch: 424738 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-24	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-24 MS	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-24 MSD	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-25	MW-23	Total/NA	Water	8081B/8082A	424941

Analysis Batch: 424749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-9	MW-7	Total/NA	Water	8081B/8082A	424941
680-122659-10	MW-8	Total/NA	Water	8081B/8082A	424941
680-122659-12	MW-10 Duplicate	Total/NA	Water	8081B/8082A	424941
680-122659-18	MW-16	Total/NA	Water	8081B/8082A	424941
680-122659-22	MW-20	Total/NA	Water	8081B/8082A	424941
680-122659-23	MW-21	Total/NA	Water	8081B/8082A	424941
680-122659-24	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-24 MS	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-24 MSD	MW-22	Total/NA	Water	8081B/8082A	424941
680-122659-25	MW-23	Total/NA	Water	8081B/8082A	424941
680-122659-27	Equipment Blank	Total/NA	Water	8081B/8082A	424941
LCS 680-424550/22-A	Lab Control Sample	Total/NA	Water	8081B/8082A	424550
MB 680-424550/21-A	Method Blank	Total/NA	Water	8081B/8082A	424550

Cleanup Batch: 424759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-6	MW-5A	Total/NA	Water	3660B	424405
680-122659-7	MW-5D	Total/NA	Water	3660B	424405
680-122659-7 MS	MW-5D	Total/NA	Water	3660B	424405
680-122659-7 MSD	MW-5D	Total/NA	Water	3660B	424405
680-122659-8	MW-6	Total/NA	Water	3660B	424405
680-122659-11	MW-10	Total/NA	Water	3660B	424405
680-122659-14	MW-12	Total/NA	Water	3660B	424405
680-122659-15	MW-13	Total/NA	Water	3660B	424405
680-122659-16	MW-14	Total/NA	Water	3660B	424405
680-122659-19	MW-17	Total/NA	Water	3660B	424405
680-122659-26	MW-24	Total/NA	Water	3660B	424405

Cleanup Batch: 424941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-122659-9	MW-7	Total/NA	Water	3660B	424550
680-122659-10	MW-8	Total/NA	Water	3660B	424550
680-122659-12	MW-10 Duplicate	Total/NA	Water	3660B	424550
680-122659-18	MW-16	Total/NA	Water	3660B	424550
680-122659-22	MW-20	Total/NA	Water	3660B	424550
680-122659-23	MW-21	Total/NA	Water	3660B	424550
680-122659-24	MW-22	Total/NA	Water	3660B	424550
680-122659-24 MS	MW-22	Total/NA	Water	3660B	424550
680-122659-24 MSD	MW-22	Total/NA	Water	3660B	424550
680-122659-25	MW-23	Total/NA	Water	3660B	424550
680-122659-27	Equipment Blank	Total/NA	Water	3660B	424550

Lab Chronicle

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-1
Date Collected: 03/01/16 16:58
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.8 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.8 mL	5 mL	424308	03/09/16 02:03	GEM	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV

Client Sample ID: MW-1A
Date Collected: 03/01/16 17:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			500.5 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	500.5 mL	5 mL	424308	03/09/16 02:18	GEM	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV

Client Sample ID: MW-2
Date Collected: 02/29/16 16:55
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.7 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	506.7 mL	5 mL	424308	03/09/16 02:32	GEM	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV

Client Sample ID: MW-3
Date Collected: 03/01/16 14:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.8 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.8 mL	5 mL	424308	03/09/16 02:47	GEM	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV

Client Sample ID: MW-4U
Date Collected: 03/01/16 15:45
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			510.4 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	510.4 mL	5 mL	424308	03/09/16 03:01	GEM	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV

Lab Chronicle

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-5A
Date Collected: 03/02/16 16:20
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.6 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	501.6 mL	5 mL	424738	03/11/16 14:01	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			501.6 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.6 mL	5 mL	424571	03/10/16 15:03	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-5D
Date Collected: 03/02/16 17:20
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.0 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.0 mL	5 mL	424567	03/10/16 19:01	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Prep	3520C			501.0 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	501.0 mL	5 mL	424738	03/11/16 14:15	JCK	TAL SAV
	Instrument ID: CSGAA									

Client Sample ID: MW-6
Date Collected: 03/02/16 13:03
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			507.2 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	507.2 mL	5 mL	424738	03/11/16 14:58	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			507.2 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	507.2 mL	5 mL	424571	03/10/16 15:18	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-7
Date Collected: 03/03/16 11:13
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.5 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV

Lab Chronicle

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-7

Date Collected: 03/03/16 11:13
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081B/8082A		1	502.5 mL	5 mL	424749	03/11/16 14:50	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-8

Date Collected: 03/03/16 18:05
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.9 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		4	504.9 mL	5 mL	424738	03/11/16 17:06	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			504.9 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.9 mL	5 mL	424749	03/11/16 15:06	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-10

Date Collected: 03/02/16 12:00
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			511.7 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		20	511.7 mL	5 mL	424738	03/11/16 15:13	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			511.7 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	511.7 mL	5 mL	424571	03/10/16 15:32	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-10 Duplicate

Date Collected: 03/03/16 12:00
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.2 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		20	501.2 mL	5 mL	424738	03/11/16 17:20	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			501.2 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.2 mL	5 mL	424749	03/11/16 15:21	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-11

Date Collected: 02/29/16 18:15
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			510.3 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	510.3 mL	5 mL	424571	03/10/16 16:59	JCK	TAL SAV
	Instrument ID: CSGJ									

Client Sample ID: MW-12

Date Collected: 03/02/16 15:28
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.7 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.7 mL	5 mL	424571	03/10/16 15:47	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-13

Date Collected: 03/02/16 14:48
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.9 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	501.9 mL	5 mL	424738	03/11/16 15:27	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			501.9 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.9 mL	5 mL	424571	03/10/16 16:01	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-14

Date Collected: 03/02/16 11:58
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.0 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.0 mL	5 mL	424571	03/10/16 16:16	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-15

Date Collected: 03/01/16 11:45
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			511.7 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	511.7 mL	5 mL	424571	03/10/16 17:14	JCK	TAL SAV
	Instrument ID: CSGJ									

Client Sample ID: MW-16

Date Collected: 03/03/16 10:34
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.2 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.2 mL	5 mL	424749	03/11/16 15:37	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-17

Date Collected: 03/02/16 10:10
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.5 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.5 mL	5 mL	424571	03/10/16 16:30	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: MW-18

Date Collected: 03/01/16 10:40
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			500.1 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	500.1 mL	5 mL	424571	03/10/16 17:28	JCK	TAL SAV
	Instrument ID: CSGJ									

Client Sample ID: MW-19

Date Collected: 03/01/16 09:41
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.2 mL	5 mL	424119	03/07/16 17:11	RBS	TAL SAV
Total/NA	Cleanup	3660B			10 mL	10 mL	424678	03/10/16 16:28	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.2 mL	5 mL	424571	03/10/16 17:43	JCK	TAL SAV
	Instrument ID: CSGJ									

Client Sample ID: MW-20

Date Collected: 03/03/16 16:03
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.5 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		5	503.5 mL	5 mL	424738	03/11/16 17:35	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			503.5 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.5 mL	5 mL	424749	03/11/16 15:52	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-21

Date Collected: 03/03/16 15:06
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			500.6 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		5	500.6 mL	5 mL	424738	03/11/16 17:49	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			500.6 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	500.6 mL	5 mL	424749	03/11/16 16:07	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-22

Date Collected: 03/03/16 16:50
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.6 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		40	504.6 mL	5 mL	424738	03/11/16 18:03	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			504.6 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.6 mL	5 mL	424749	03/11/16 16:23	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-23

Date Collected: 03/03/16 09:25
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.8 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV

Lab Chronicle

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Client Sample ID: MW-23

Date Collected: 03/03/16 09:25
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081B/8082A		20	501.8 mL	5 mL	424738	03/11/16 18:46	JCK	TAL SAV
	Instrument ID: CSGAA									
Total/NA	Prep	3520C			501.8 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.8 mL	5 mL	424749	03/11/16 16:38	JCK	TAL SAV
	Instrument ID: CSGZ									

Client Sample ID: MW-24

Date Collected: 03/02/16 09:18
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			500.5 mL	5 mL	424405	03/09/16 16:13	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	500.5 mL	5 mL	424571	03/10/16 16:45	JCK	TAL SAV
	Instrument ID: CSGJ									
Total/NA	Cleanup	3660B			5 mL	5 mL	424759	03/11/16 10:33	JCK	TAL SAV

Client Sample ID: Equipment Blank

Date Collected: 03/03/16 17:15
Date Received: 03/05/16 11:43

Lab Sample ID: 680-122659-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			507.5 mL	5 mL	424550	03/10/16 15:39	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	424941	03/11/16 09:46	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	507.5 mL	5 mL	424749	03/11/16 16:54	JCK	TAL SAV
	Instrument ID: CSGZ									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 95325

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Bainbridge GA	PROJECT NO.: 400007 - 4.5	PROJECT LOCATION (STATE): GA
TAL (LAB) PROJECT MANAGER: Stella Hoffman	P.O. NUMBER:	CONTRACT NO:
CLIENT (SITE) PM: Alan Sanders	CLIENT PHONE: 770-772-7100	CLIENT FAX:
CLIENT NAME: EIC	CLIENT E-MAIL: asanders@eicusa.com	
CLIENT ADDRESS: 161 Kimball Bridge Rd, Alpharetta GA 30009		
COMPANY CONTRACTING THIS WORK (if applicable):		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: 8081B - 8082A / 3560B — NA

PAGE 1 OF 3

STANDARD REPORT DELIVERY ● DATE DUE 3/18/16

EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 3

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED (8081B - 8082A)	REMARKS
3-1-16	16:58	MW-1	G	X				1	
3-1-16	17:48	MW-1A	G	X				1	
2-29-16	16:55	MW-2	G	X				1	
3-1-16	14:48	MW-3	G	X				1	
3-1-16	15:45	MW-4U	G	X				1	
3-2-16	16:20	MW-5A	G	X				1	
3-2-16	17:20	MW-5D	G	X				1	
3-2-16	17:20	MW-5D Matrix Spike	G	X				1	
3-2-16	13:03	MW-6	G	X				1	
3-3-16	11:13	MW-7	G	X				1	
3-2-16	18:05	MW-8	G	X				1	
3-3-16	12:00	MW-10	G	X				1	

680-122659 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	3/4/16	12:53	[signature]	3/4/16	13:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
[signature]	3/4/16	12:53						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	3/5/16	11:43	YES ○ NO ○		680-122659	0.0/0.4 0.9/1.3 1.0/1.4

TAL8240-680 (1008)

Serial Number 95326

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

681-Atlanta

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Bainbridge GA	400007-45	GA
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO
Sheila Hoffman		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Alan Sanders	770-772-7100	
CLIENT NAME	CLIENT E-MAIL	
EIC	asanders@eicusa.com	
CLIENT ADDRESS		
151 Kimball Bridge Rd. Alpharetta GA 30009		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 3

STANDARD REPORT DELIVERY ● DATE DUE 3/18/16

EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 3

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8021B-8082A 8260B	REQUIRED ANALYSIS: NA	NUMBER OF CONTAINERS SUBMITTED	REMARKS
~~3-3-16~~	12:00	MW-10 Duplicate	G	X				1		1	
2-29-16	18:15	MW-11	G	X				1		1	
3-2-16	15:28	MW-12	G	X				1		1	
3-2-16	14:48	MW-13	G	X				1		1	
3-2-16	11:58	MW-14	G	X				1		1	
3-1-16	11:46	MW-15	G	X				1		1	
3-3-16	10:34	MW-16	G	X				1		1	
3-2-16	10:10	MW-17	G	X				1		1	
3-1-16	10:40	MW-18	G	X				1		1	
3-1-16	9:41	MW-19	G	X				1		1	
3-3-16	16:03	MW-20	G	X				1		1	
3-3-16	15:05	MW-21	G	X				1		1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	3/4/16	12:53		3/4/16	13:20			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	3/4/16	12:53						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	3/5/16	11:43	YES ○ NO ○		680-122659	00/04 0.9/1.3 1.0/1.4

TAL8240-680 (1008)

Page 42 of 45

3/15/2016

Serial Number 95327

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax

681-Atlanta

PROJECT REFERENCE: Bainbridge GA	PROJECT NO.: 400007-4.5	PROJECT LOCATION (STATE): GA
TAL (LAB) PROJECT MANAGER: Sheila Hoffman	P.O. NUMBER:	CONTRACT NO.:
CLIENT (SITE) PM: Alan Sanders	CLIENT PHONE: 770-772-7100	CLIENT FAX:
CLIENT NAME: EIC	CLIENT E-MAIL: asanders@eicusa.com	
CLIENT ADDRESS: 161 Kimball Bridge Rd. Alpharetta GA 30009		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 3 OF 3

STANDARD REPORT DELIVERY ●
DATE DUE 3/18/16
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 3

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8081B-8082A 2650B	REQUIRED ANALYSIS: NA	REMARKS
3-3-16	16:50	MW-22	G	X				1		
3-3-16	16:50	MW-22 Matrix Spike	G	X				1		
3-3-16	9:25	MW-23	G	X				1		
3-2-16	9:18	MW-24	G	X				1		
3-3-16	17:15	Equipment Blank	G	X				1		

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	3/4/16	12:53		3/4/16	Brad			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	3/4/16	12:53						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	3/5/16	11:43	YES ○ NO ○		680-122659	0.0/0.4 0.9/1.3 1.0/1.4

TAL8240-680 (1008)

Page 43 of 45

3/15/2016

Login Sample Receipt Checklist

Client: Environmental International Corporation

Job Number: 680-122659-1

Login Number: 122659
List Number: 1
Creator: Kicklighter, Marilyn D

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Environmental International Corporation
Project/Site: 400007-4.5/Bainbridge, GA

TestAmerica Job ID: 680-122659-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-16
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-17
California	State Program	9	2939	07-31-16
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-16
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	803	06-30-16
Guam	State Program	9	15-005r	04-16-16 *
Hawaii	State Program	9	N/A	06-30-16
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-16
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-16
Kentucky (WW)	State Program	4	90084	12-31-16
Louisiana	NELAP	6	30690	06-30-16
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-16
Michigan	State Program	5	9925	03-05-16 *
Mississippi	State Program	4	N/A	06-30-16
Nebraska	State Program	7	TestAmerica-Savannah	06-30-16
New Jersey	NELAP	2	GA769	06-30-16
New Mexico	State Program	6	N/A	06-30-16
New York	NELAP	2	10842	03-31-16 *
North Carolina (DW)	State Program	4	13701	07-31-16
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-16
Pennsylvania	NELAP	3	68-00474	06-30-16
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16
Tennessee	State Program	4	TN02961	06-30-16
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-16
West Virginia DEP	State Program	3	094	06-30-16
Wisconsin	State Program	5	999819810	08-31-16
Wyoming	State Program	8	8TMS-L	06-30-16

* Certification renewal pending - certification considered valid.

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT C
MIXING MODEL USGS DATA SOURCE

USGS Station 02356000 Flint River at Bainbridge, GA
Annual Average Discharge Data

Year	Annual Average Discharge (cfs)
2005	11860
2006	5417
2007	4019
2008	4788
2009	8091
2010	11620
2011	3924
2012	2620
2013	7484
2014	9019
2015	6759

Average (cfs)	6872.82

Notes:
US Geological Survey, Water Resources Data
retrieved: 2016-04-13 16:52:16 EDT

USGS Water-Year Summary 2015

02356000 FLINT RIVER AT BAINBRIDGE, GA

LOCATION - Lat 30°54'41", long 84°34'48" referenced to North American Datum of 1927, Decatur County, GA, Hydrologic Unit 03130008, on downstream side of bridge on US 27 (Business Route), 0.2 mi downstream from Seaboard Coast Line Railroad bridge, and 29.2 mi upstream from Jim Woodruff Dam, 5.19 mi upstream from confluence with Fourmile Creek, 2.37 mi downstream from confluence with Big Slough Creek, 0.6 mi northwest of Bainbridge, and at mile 29.0.

DRAINAGE AREA - 7,570 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD -
DISCHARGE: October 1907 to December 1913, October 1928 to September 1971, October 1971 to September 1996(annual peaks only), October 2001 to current year.
GAGE-HEIGHT: October 2001 to current year.
WATER VELOCITY: April 2001 to current year.

GAGE - Satellite telemetry with a water-stage recorder and an acoustic velocity meter. Datum of gage is 57.7 feet above North American Vertical Datum (NAVD) of 1988. Prior to December 31, 1913, a non-recording gage was located at same site at datum 0.3 feet higher. From October 1, 1928 to January 14, 1929, a non-recording gage was located at present site and datum. An auxiliary water-stage recorder was located at a site 6.4 miles upstream January 15, 1957 to September 1971.

COOPERATION - Georgia Department of Natural Resources, Environmental Protection Division.

REMARKS -
10/01/2013-09/30/2014: Discharge records fair, except for days of estimated discharge, which are poor. Gage-height and water velocity records are good.

10/01/2014-09/30/2015: Discharge records fair, except for days of estimated discharge, which are poor. Gage-height and water velocity records are good.

10/01/2015-01/05/2016: Discharge records fair, except for days of estimated discharge, which are poor. Gage-height and water velocity records are good.
Water velocity data represent water velocity at the downstream cross-section of the bridge with positive values in the downstream direction. Flow regulated by power plants at Flint River Reservoir since 1921, with a capacity of 7,500 acre-feet; and at Warwick Reservoir since 1930, with a capacity of about 35,000 acre-feet. Normal operation of power plants does not materially affect figures of monthly runoff.

EXTREMES OUTSIDE PERIOD OF RECORD - Maximum stage known since at least 1893, 40.9 feet, present datum, Jan. 24, 1925, discharge 101,000 cfs, from rating curve extended above 70,000 cfs on the basis of slope-conveyance studies.

EXTREMES FOR PERIOD OF RECORD - Maximum discharge recorded, 108,000 cfs, July 14, 1994; maximum gage height recorded, 37.20 feet, July 14, 1994; minimum daily discharge, 1,010 cfs, September 5, 2011.

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [April 13, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=02356000&agency_cd=USGS

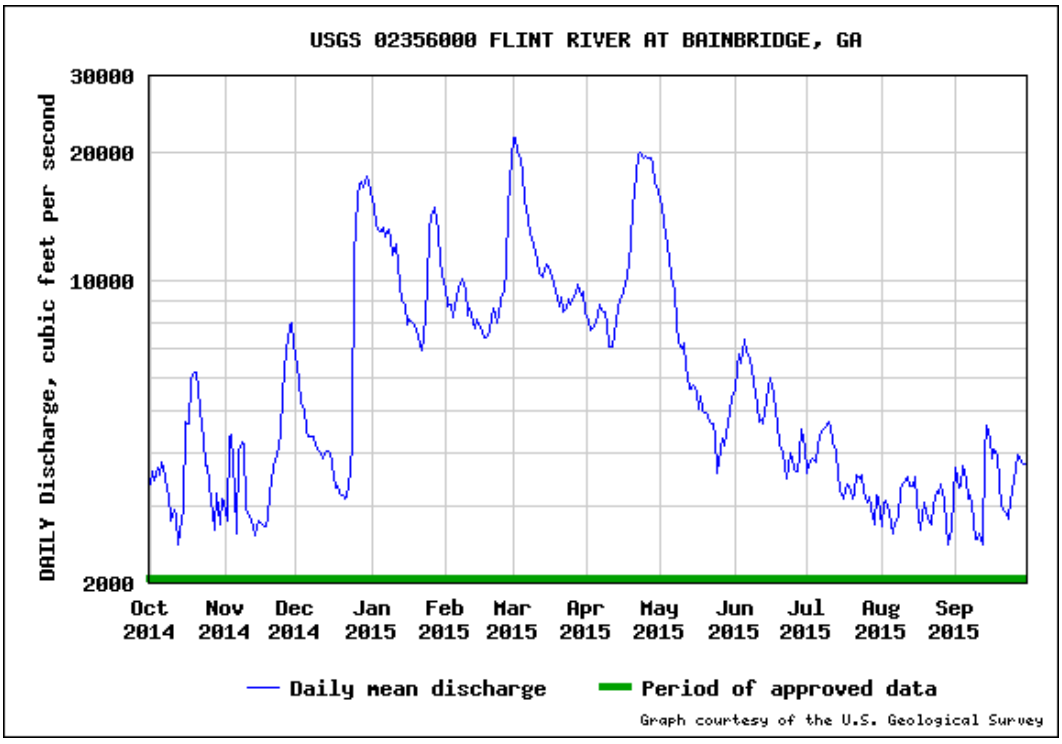
Water-Data Report 2015

02356000 FLINT RIVER AT BAINBRIDGE, GA -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1908 - 2015	
Annual total	2,467,000			
Annual mean	6,759		8,299	
Highest annual mean			15,420	1912
Lowest annual mean			2,620	2012
Highest daily mean	21,600	Mar 01	82,700	Mar 21, 1929
Lowest daily mean	2,440	Aug 29	1,010	Sep 05, 2011
Annual 7-day minimum	2,717.0	Nov 12	1,196.0	Sep 01, 2011
Maximum peak flow			108,000	Jul 14, 1994
Maximum peak stage			40.90[a]	Jan 24, 1925
Annual runoff (cfsm)	0.893		1.09	
Annual runoff (inches)	12.1		14.8	
10 percent exceeds	13,240		15,900	
50 percent exceeds	4,730		6,140	
90 percent exceeds	2,880		2,950	

[a] Gage datum changed during this year



SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT D
AOC-1 LEGAL DESCRIPTION

AOC - 1 LEGAL DESCRIPTION

ALL THAT CERTAIN PIECE, PARCEL OR TRACT OF LAND LOCATED IN DECATUR COUNTY, BAINBRIDGE GEORGIA, GEORGIA PORT AUTHORITY, AS SHOWN ON A MAP TITLED "BOUNDARY SURVEY OF AREA OF CONCERN 1 & 2", PREPARED BY JEFFREY W. MOCK RLS, DATED 2-25-16 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS: (FENCE LOCATION AND WAREHOUSE LOCATION PROVIDED BY ENVIRONMENTAL INTERNATIONAL CORPORATION)

BEGINNING AT A PK NAIL HAVING A GEORGIA STATE PLANE WEST ZONE NORTHING OF 326983.69, EASTING OF 2158364.48; THENCE S 00°59'39"E, FOR A DISTANCE OF 19.08' TO A TURN IN FENCE LINE; THENCE S 01°46'53"W, FOR A DISTANCE OF 35.55' TO A TURN IN FENCE LINE; THENCE DEPARTING FENCE LINE S 01°46'53"W, FOR A DISTANCE OF 19.22 TO A POINT; THENCE N 89°57'28"W, FOR A DISTANCE OF 39.25' TO A TURN IN FENCE LINE; THENCE N 89°57'28"W, FOR A DISTANCE OF 80.14' TO A TURN IN FENCE LINE; THENCE N 71°39'50"W, FOR A DISTANCE OF 481.10' TO A TURN IN FENCE LINE; THENCE N 11°16'29"E, FOR A DISTANCE OF 107.54' TO A TURN IN FENCE LINE; THENCE N 46°38'21"E, FOR A DISTANCE OF 84.93' TO END OF FENCE; THENCE S 43°20'59"E, FOR A DISTANCE OF 137.93'ALONG THE SOUTHERLY SIDE OF THE ROCK SALT WAREHOUSE; THENCE N 45°56'01"E, FOR A DISTANCE OF 111.15' ALONG THE EASTERLY SIDE OF THE ROCK SALT WAREHOUSE TO A FENCE CORNER; THENCE S 40°54'37"E, FOR A DISTANCE OF 22.60' TO A TURN IN FENCE LINE; THENCE N 46°54'52"E, FOR A DISTANCE OF 52.67' TO A TURN IN FENCE LINE; THENCE N 53°33'41"E, FOR A DISTANCE OF 19.99' TO A TURN IN FENCE LINE; THENCE N 75°07'01"E, FOR A DISTANCE OF 21.29' TO A TURN IN FENCE LINE; THENCE S 76°47'51"E, FOR A DISTANCE OF 28.35' TO A TURN IN FENCE LINE; THENCE S 40°56'56"E, FOR A DISTANCE OF 288.42' TO A TURN IN FENCE LINE; THENCE S 27°41'31"E, FOR A DISTANCE OF 22.01' TO A TURN IN FENCE LINE; THENCE S 17°05'53"E, FOR A DISTANCE OF 11.35' TO A TURN IN FENCE LINE; WHICH IS THE POINT OF BEGINNING, HAVING AN AREA OF 110435.47 SQUARE FEET, 2.535 ACRES

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT E
AOC-2 LEGAL DESCRIPTION

AOC - 2 LEGAL DESCRIPTION

ALL THAT CERTAIN PIECE, PARCEL OR TRACT OF LAND LOCATED IN DECATUR COUNTY, BAINBRIDGE GEORGIA, GEORGIA PORT AUTHORITY, AS SHOWN ON A MAP TITLED "BOUNDARY SURVEY OF AREA OF CONCERN 1 & 2", PREPARED BY JEFFREY W. MOCK RLS, DATED 2-25-16 AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A PK NAIL HAVING A GEORGIA STATE PLANE WEST ZONE NORTHING OF 326983.69, EASTING OF 2158364.48; THENCE N 17°05'53"W, FOR A DISTANCE OF 11.35' TO A PK NAIL; THENCE N 27°41'31"W, FOR A DISTANCE OF 22.01' TO A PK NAIL; THENCE N 40°56'56"W, FOR A DISTANCE OF 288.42' TO A PK NAIL; THENCE N 76°47'51"W, FOR A DISTANCE OF 28.35' TO A PK NAIL; THENCE N 48°49'52"E, FOR A DISTANCE OF 269.22' TO AN IRON REBAR; THENCE S 40°58'42"E, FOR A DISTANCE OF 578.71' TO AN IRON REBAR; THENCE S 49°00'18"W, FOR A DISTANCE OF 148.95' TO A PK NAIL; THENCE N 41°00'16"W, FOR A DISTANCE OF 234.76' TO A PK NAIL; THENCE S 48°58'26"W, FOR A DISTANCE OF 113.37' TO A PK NAIL; WHICH IS THE POINT OF BEGINNING, HAVING AN AREA OF 122125.84 SQUARE FEET, 2.804 ACRES.

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT F
FEBRUARY 2016 AOC BOUNDARY AND UEC MONUMENT SURVEY

LEGEND

- IRON REBAR SET 5/8"
- IRON REBAR FOUND
- IRON PIPE FOUND
- CONCRETE MONUMENT FOUND

GRID NORTH, GA SPC NAD 83 (WEST ZONE)

N: 327415.56
E: 2158336.95
IRS

S 40°58'42" E

578.71'

N: 326978.65
E: 2158716.45
IRS

S 49°00'18" W

149.95'

N: 326880.94
E: 2158604.03
PKS

N 41°00'16" W

234.76'

N: 327058.10
E: 2158450.00
PKS

S 46°58'26" W

CONCRETE LOADING DOCK

269.22'

N 45°19'32" E

AREA OF CONCERN 2
2.804 Acres

20 19 21 22 18

GPS #2 PK NAIL
N: 327231.86
E: 2158161.89
EL. 95.51

28.35'
N 76°47'51" W

PKS

S 40°56'56" E

288.42'

N 40°56'56" W

288.42

PRS

N: 327014.02
E: 2158350.91

113.37'

POINT OF BEGINNING
N: 326983.69
E: 2158364.48

PKS

N: 327238.34
E: 2158134.29

S 76°47'51" E
28.35'

L8 L7 L6 L5 L4 L3 L2 L1

N: 326994.53
E: 2158361.14

GPS #2 PK NAIL
N: 326836.08
E: 2158515.21
EL. 95.51

S 01°46'23" W

55.55'

54.77'

19.22'

39.25'

N 89°57'28" W

26 23 24 25

PLANTER

MAIN OFFICE

AIR CONDITIONER

EQUIPMENT STORAGE AND MAINTENANCE (CONCRETE FLOOR)

INSTALLED FENCE LINE

80.14'

119.39'

N 71°39'50" W

32.67'

N 46°54'32" E

111.15'

N 45°56'01" E

FENCE TIES TO BUILDING

ROCK SALT WAREHOUSE

S 43°20'59" E

137.93'

64.93'

FENCE TIES TO BUILDING

N 46°38'21" E

101.54'

AREA OF CONCERN 1
2.535 Acres

RAILROAD TRACK

N 11°16'29" E

481.10'

LINE	BEARING	DISTANCE
L1	N 17°05'53" W	11.35
L2	N 27°41'31" W	22.01
L3	S 27°41'31" E	22.01
L4	S 17°05'53" E	11.35
L5	S 00°59'39" E	19.08
L6	S 40°54'37" E	22.60
L7	N 53°33'41" E	19.99
L8	N 75°07'01" E	21.29

PT#	NORTHERN	EASTERN	ELEV	DESCRIPTION
18	327219.66	2158308.02	96.35	EDGE CONCRETE
19	327220.26	2158308.77	96.37	EDGE CONCRETE
20	327221.80	2158307.54	96.37	EDGE CONCRETE
21	327221.19	2158306.79	96.33	EDGE CONCRETE
22	327220.30	2158307.31	95.98	SPOT ELEV
23	326925.05	2158356.39	96.88	EDGE CONCRETE
24	326924.11	2158356.48	96.88	EDGE CONCRETE
25	326924.28	2158358.45	96.88	EDGE CONCRETE
26	326925.24	2158358.35	96.88	EDGE CONCRETE

1. NO ABSTRACT OF TITLE, TITLE COMMITMENT, OR RESULTS OF A TITLE SEARCH WERE FURNISHED TO THE SURVEYOR. ALL DOCUMENTS OF RECORD REVIEWED ARE NOTED HEREON. OTHER DOCUMENTS OF RECORD AFFECTING THIS SURVEYED PARCEL MAY EXIST.

2. HORIZONTAL AND VERTICAL DATUM BASED UPON GEORGIA STATE PLANE WEST ZONE AND NAVD 88 VERTICAL.

3. BACKGROUND INFORMATION SHOWN TAKEN FROM DRAWING PROVIDED BY ENVIROMENTAL INTERNATIONAL CORPORATION.

4. AREA OF CONCERN 1, MORE OR LESS, RUNS ALONG A FENCE LINE WHICH WAS PROVIDED BY ENVIROMENTAL INTERNATIONAL CORPORATION, WITH EXCEPTION TO THE AREA NOTED NEAR MAIN OFFICE.

E.O.C. FIELD: 1:20,783
MIN. E.O.C. PLAT: 1:113,890 (PARCEL 1)
MIN. E.O.C. PLAT: 1: 97,167 (PARCEL 2)
ANGULAR ERROR: 00.07" PER ANGLE ADJUSTED BY: COMPASS RULE
EQUIPMENT USED: TOPCON GTS 313

MOCK SURVEYING, INC.
9134 OLD RIVER ROAD
BROOKLET, GA 30415
PH:(912) 657-4010
SURVEYING@BULLOCH.NET

GEORGIA
REGISTERED
No. LS002992
3/21/2516
GEORGIA
JEFFREY WAYNE MOCK

IN MY PROFESSIONAL OPINION THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS AS SET FORTH IN THE GEORGIA PLAT ACT O.C.G.A. 15-67-67.

30' 15' 0' 30'
GRAPHIC SCALE: 1"=30'-0"

BOUNDARY SURVEY OF AREA OF CONCERN 1 & 2 FOR ENVIROMANTAL INTERNATIONAL CORPORATION AN AREA OF GEORGIA PORT AUTHORITY DECATUR COUNTY, BAINBRIDGE GEORGIA

PROJECT NO.:	16-012
DRAWN BY:	JWM
SURVEYED BY:	AWM
SURVEY DATE:	2-16-16
CHECKED BY:	JWM
SCALE:	1" = 30'
DATE:	2-24-16

SHEET 1 OF 1

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT G
MONTHLY SUMMARY OF HOURS INVOICED

Environmental International Corporation

GPA VIRP

November 15, 2015 through March 31, 2016

TASKS	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	TOTAL
Task 4.5 Groundwater remediation	55	155	76	260	179	725
Task 4.6 Meetings and site visits	0	44	0	0	0	44
Total Hours	**55**	**200**	**76**	**260**	**179**	**769**

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SEVENTH VIRP SEMI-ANNUAL PROGRESS REPORT

EXHIBIT A
BAINBRIDGE GEORGIA GULF SULFUR MANUFACTURING PLANT WEB PUBLICATION

Georgia Gulf Sulfur Corporation

Georgia Gulf Sulfur Corporation and Bainbridge Chemical Corporation

1300 Spring Creek Rd
PO Box 67
Bainbridge, Georgia USA
39818
plant phone
(229) 246-4552
plant fax
(229) 246-3245
sales order phone
(229) 244-0000
sales order fax
(229) 245-1664

Customer Service Representative
Shirley Howling
shirley@georgiagulfsulfur.com

National Sales Manager
Keith B. Adams
keith@georgiagulfsulfur.com

Company History

The Georgia Gulf Sulfur manufacturing plant, in Bainbridge Georgia, was conceived and built in the late 1950's to expand Mr. R.A. Griffin's seed and chemical formulation business into the manufacture of sulfur fungicides and miticides. A plant site was purchased on Spring Creek Road, adjacent to the Texas Gulf Sulfur storage facility, at Georgia's inland port facility, on the Flint River. Production commenced in 1959 using dry bulk sulfur from the Texas Gulf Sulfur terminal. Sulfur supply was changed to molten sulfur in 1974. In 1983 a fluid sulfur production unit was added to the site, currently operating as Bainbridge Chemical Corporation.

Travel Directions:

From Interstate 10, Tallahassee FL

Exit onto U.S. 27 North from Tallahassee, Florida. When reaching Bainbridge, Georgia at the junction of U.S. 27 and U.S. 84, turn left onto U.S. 27 North / U.S. 84 West. Proceed to the first exit past the Flint River crossing and exit on State Road 253 / Spring Creek Road. Turn left and proceed one mile. Georgia Gulf Sulfur Corporation and Bainbridge Chemical Corporation are located on the right.

From Interstate 75, Valdosta GA

Exit west on U.S. 84 Valdosta, Georgia. Proceed west 82 miles to Bainbridge, Georgia. Turn left on U.S. 84 West Bypass on the east side of Bainbridge. Proceed to the first exit past the Flint River crossing and exit at State Road 253 / Spring Creek Road. Turn left and proceed on State Road 253 one mile. Georgia Gulf Sulfur Corporation and Bainbridge Chemical Corporation are located on the right.

E-mail us with your product sample requests !

Technical Product Data
Georgia Gulf Sulfur Corporation

Product Name	Assay or Purity	Ash	Acidity	Heat Loss or Moisture	Processing Oil	Other Additives	Fineness - % through US screens
Rubbermaker's sulfurs							
GGS-10	99.5% min	0.10% max	0.01% max	0.15% max	-	-	100 Mesh - 99.5% min 200 Mesh - 90% to 96%
GGS-11	99.5% min	0.10% max	0.01% max	0.15% max	-	-	200 Mesh - 98% min
GGS-20	99.0% min	0.10% max	0.01% max	0.15% max	0.35% to .50%	-	100 Mesh - 99.5% min 200 Mesh - 90% to 96%
GGS-33	99.5% min	0.10% max	0.01% max	0.15% max	-	-	100 Mesh - 99.5% min 325 Mesh - 95% min

GGS-35	98.75% min	0.35% max	0.01% max	0.15% max	.75% max	.25% max	100 Mesh - 99.5% min 325 Mesh - 90% to 95%
GGS-40	99.5% min	0.10% max	0.01% max	0.15% max	-	-	80 Mesh - 90% min
MCO 2.5	97.0% min	2.5% max	0.01% max	0.15% max	.50% max	2.0% max	200 Mesh - 99% min 325 Mesh - 90% to 95%
MC HOT	96.4% min	2.6% max	0.01% max	0.15% max	1.0% max	2.5% max	200 Mesh - 99% min 325 Mesh - 90% to 95%
MC 98	97.5% min	2.1% max	0.01% max	0.15% max	-	2.0% max	100 Mesh - 99.9% min 325 Mesh - 98% min
Industrial sulfurs							
Code 803R	99.5% min	0.10% max	0.01% max	0.15% max	-	-	200 Mesh - 60% to 80%
Drum Flake	99.5% min	0.10% max	0.01% max	0.15% max	-	-	1/2" Mesh - 95.0% min
Code 420	99.5% min	0.10% max	0.01% max	0.15% max	-	-	4 Mesh - 99.5% min 20 Mesh - 5.0% max
Pastille	99.5% min	0.10% max	0.01% max	0.10% max	-	-	4 Mesh - 98.0% min 100 Mesh - 2.0% max
70% Emulsified	69% to 72%	-	-	-	-	28% to 31%	less than 5 microns
Agricultural sulfurs - Yellow Jacket®							
Wettable Dusting	90% min	-	-	-	-	10% max	325 Mesh - 93% min
Granular	90% min	-	-	-	-	10% max	granules
Dust Free Suspension	95% min	-	-	-	-	5% max	200 Mesh - 85% to 92%
Flowable	53% min	-	-	-	-	47.0%	contains 6 pounds of sulfur per gallon

Yellow Jacket® sulfurs are a registered trademark of Georgia Gulf Sulfur Corporation.

Home Page | **Products** | **Safety Info** | **Sulfur Facts** | **Affiliates** | **Site Map** | **Contact Us**