

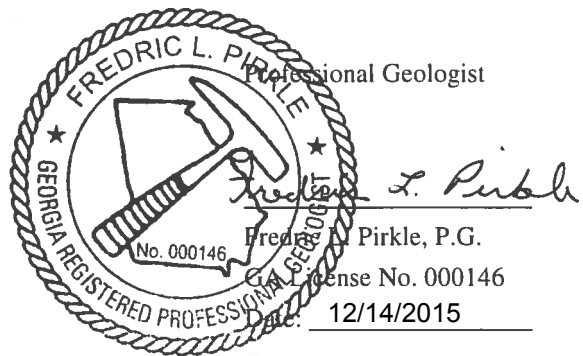
TRADEMARK METALS RECYCLING, LLC
VALDOSTA, GEORGIA

VOLUNTARY REMEDIATION PROGRAM
PROGRESS REPORT NO. 3

2000 WEST SAVANNAH AVENUE
VALDOSTA, LOWNDES COUNTY, GEORGIA

GF PROJECT NO. 057524.021
DECEMBER 2015

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1.0 INTRODUCTION

1.1 Introduction

Gannett Fleming, Inc. (GF) was retained by the David J. Joseph Company/Trademark Metals Recycling, LLC (TMR) to perform a site investigation and prepare a Conceptual Site Model (CSM) pursuant to the Georgia Department of Natural Resources (GDNR), Environmental Protection Division (EPD) Voluntary Remediation Program (VRP) for the property located at 2000 West Savannah Avenue, Valdosta, Lowndes County, Georgia (Figures 1 and 2). In March 2013, a Voluntary Investigation and Remediation Plan (VIRP) and VRP Application were submitted pursuant to the VRP Act. The VIRP and VRP Application were approved by the EPD on May 22, 2014. The EPD sent a comment letter to TMR dated May 22, 2014. GF was contacted by TMR in June 2014 and asked to assume the responsibilities of completing the CSM and remediation plan for the site.

An Interim Site Assessment Report/VRP Status Report (Progress Report No.1) was submitted to EPD in December 2014 and provided a summary of historical site assessment and remediation findings and results of the site assessment activities performed by GF in 2014. This report also included copies of previous reports completed by Stillwater Technologies, Inc. (STI). VRP Progress Report No. 2 was submitted to the EPD on May 28, 2015, and included the results of additional groundwater monitoring and soil sampling. VRP Progress Report No. 3 is being submitted to provide the EPD with the most recent investigation findings and provide additional information in response to the EPD comments presented in their May 22, 2014, letter to TMR and the August 7, 2015, meeting with EPD, TMR, and GF.

The site investigation activities were performed in accordance with standard field investigation methods and conducted in general accordance with the EPD requirements and United States Environmental Protection Agency (USEPA) Standard Operating Procedures (SOP).

1.2 Site Description

The subject site consists of 27.57 acres with approximately 1,000 feet of frontage along West Savannah Avenue. The site is unpaved and primarily wooded in areas not being used for business purposes. A pond is present on the eastern half of the site. The surrounding properties include residential and commercial properties. Access to the site is off of West Savannah Avenue.

Structures and improvements to the site include: An office building that is approximately 1,630 square feet; a warehouse building that is approximately 20,000 square feet; a shear building that contains a hydraulic pump, which runs a metal shear for processing the scrap metal; and a metal shed which provides cover for a metal bailer and a truck scale. The site has access to a 1,000-foot rail spur that is inactive, and has one storage tank that is located within a concrete containment dike. The site is secured with a 6.0-foot chain link fence and a locking entrance gate located along West Savannah Avenue. As of November 2015, the site has been closed and recycling operations have ceased. The subject site configuration is shown on Figure 2.

1.3 Property Setting and Adjacent Properties

The site elevation is approximately 205 feet above mean sea level and the area topography is generally flat lying with a slight downward trend to the south. The subject site is located in a mixed use area in Valdosta, Georgia. Properties in the area consist of residential, commercial, and light industrial. Specific information relative to the surrounding properties is as follows:

North: The subject site is bordered to the north by West Savannah Avenue.

East: The subject site is bordered to the east by vacant, undeveloped land and then residential properties.

South: The subject site is bordered to the south by vacant, undeveloped land.

West: The subject site is bordered to the west by A-1 Towing.

1.4 Site History

The site was previously owned and operated by Rice Iron & Metals, Inc., as a scrap metal processing business reportedly beginning in the mid-1960s. TMR contracted with STI to perform a pre-purchase environmental site investigation in late 2011. The site investigation revealed the presence of soil and groundwater impacts in several areas on the site including: 1) the outdoor metal bailing area and associated oil/water separator discharge point; 2) the metal shearing machine and shearing hydraulic building; 3) the torch cutting area; 4) the motor block storage area; and 5) the train car load-out area. The quantity of any releases was unknown. Additional soil and groundwater assessment activities have been conducted in several areas of the site including the Northern Operations Area and the Southern Operations Area. Results of the site investigation revealed the presence of chlorinated solvents, petroleum hydrocarbons, and metals at concentrations above Maximum Contaminant Levels (MCLs).

A Soil Excavation and Groundwater Investigation Report was completed by STI in February 2012. The investigation included the installation of 11 monitoring wells (MW-1 through MW-11) in five potential source areas and background areas across the site, and the completion of groundwater monitoring to assess the site. Soil excavation was also conducted in six areas of the site to remove impacted soil above MCLs.

A copy of the 2012 Soil Excavation and Groundwater Investigation Report was provided in the December 2014 Interim Site Assessment Report (Progress Report No.1) prepared by GF.

1.5 Project Health and Safety

During all investigative activities, GF personnel adhered to the Health and Safety Plan (HASP) that was generated prior to implementation of this assessment program. This HASP was prepared with specific reference to USEPA Standard Operating Safety Guidelines and Occupational Safety and Health Administration (OSHA) Health and Safety Practices (29 CFR Part 1910).

All GF personnel who participated in field activities at the subject site have completed HAZWOPER training courses that meet the criteria of OSHA regulations stipulated in 29 CFR 1910.120. All site work performed as part of this investigation was performed under Level D protection.

2.0 APPLICATION/CHECKLIST

A Voluntary Investigation and Remediation Plan Application was submitted to the GDNR/EPD on March 7, 2013. The application included the incorrect property size. Property records have been searched and the TMR property is 27.57 acres. A copy of the most recent county tax record is provided in Appendix A.

3.0 CONCEPTUAL SITE MODEL

3.1 Regulated Substances Released/Constituents of Concern

Historical soil and groundwater analytical data have been reviewed to evaluate potential constituents of concern (COCs) at the TMR site. Based on historical land use, a Phase II Environmental Site Assessment (ESA) was completed by STI to determine potential environmental impacts in the soil and groundwater. The Phase II ESA data indicated that the site COCs included: Volatile Organic Compounds (VOCs), Metals, Polycyclic Aromatic Hydrocarbons (PAHs), and Polychlorinated Biphenyls (PCBs). Some of these COCs were found in soil and some in groundwater. Additional site assessment of the soil and groundwater was completed by STI in 2011, and based on the results of the assessment, soil excavation was completed in six areas as reported in their February 2012 Soil Excavation and Groundwater Investigation Report.

Based on the assessment work from 2011 through 2014, the specific COCs at the site include Benzene and Trichloroethene (TCE) in the groundwater and Arsenic and PCBs in the soil. Analytical detection limits, as defined in Rule 391-3-19-.02(2)(d), are assumed to be representative of background concentrations for the COCs. Sufficient analytical detection limits were used to detect to below the EPD standards in Chapter 391-3-19-01 or USEPA Regions 3, 6, 9 Regional Screening Levels (RSLs).

PCBs are regulated by the Rules as specific individual Aroclor mixtures (PCBs 1016 through 1260), the individual dioxin-like PCB congeners, and as total PCBs with corresponding delineation and cleanup standards. Evaluation of the nature and extent of delineation and cleanup standards for PCBs are based on analysis of: Aroclors, total PCBs (sum of concentrations of non-dioxin-like PCBs), and 12 individual dioxin-like PCB congeners. Therefore, per the August 7, 2015, meeting confirmatory soil samples were collected and analyzed for the 12 dioxin-like PCBs and potential regulated PCB cross contaminants or byproducts such as polychlorinated dibenzofurans (PCDFs)

and dibenzodioxins (PCDDs) in Source Area 3 where the highest concentration of Aroclors 1016 and 1242 were detected in soil prior to the excavation.

3.2 Soil, Groundwater, Surface Water and Sediments

This Progress Report includes data tables with recent and historical data for soil and groundwater collected by GF. Additional site assessment activities have been completed since Progress Report No. 2 and include soil and groundwater sampling and analysis. New site figures have been prepared showing the location of all monitoring wells, recent groundwater data, and soil data. New data tables have been prepared that show both recent and historical soil and groundwater data.

The only surface water feature on the site is a small pond located in the southeast portion of the TMR property (Figure 2). This surface water feature has never been connected to or in close proximity to industrial/commercial operations at the site. The only sediments on the property are those associated with the pond. Surface water and sediment sampling was determined not to be necessary since these areas were not expected to have been affected by site activities.

The tables and figures include a well construction summary table, a tabulated historical summary of groundwater depth and elevation measurements used to construct potentiometric surface maps, a figure summarizing soil sample analytical results in tabular format adjacent to the sampling locations, figures summarizing analytical results for environmental samples for the specific COCs, and potentiometric surface map based on groundwater elevations measured in monitoring wells screened across the water table across the entire site. Boring logs for all borings/monitoring wells advanced at the site and soil sampling locations/intervals and analytical results are depicted in Progress Report Nos. 1 through 3.

Four cross-sections, including two intersecting in the two source areas, are provided. The cross-sections are drawn to scale with the vertical and horizontal scales depicted using scale bars, and include the following information: source areas, water table conditions, water supply wells, and stratigraphic information from soil and groundwater.

3.3 Contaminant Source Areas

There are two source areas on the site, both located on the western portion of the property. The north area is located near the Facility Office and Non-ferrous Processing area. The other area is the south area located near the Motor Block, Torch Cutting, and Shear areas. The location of the north and south areas are shown on Figure 2.

The area of cleared trees on the south-central portion of the property was not used for metal recovery/recycling operations prior to the applicant's acquisition of the property, and it was agreed upon during the August 7, 2015, meeting that soil and groundwater sampling would not be required in this area.

The drum storage shed located east of the non-ferrous processing building (on the north-central portion of the site) was used during former operations prior to the applicant's acquisition and was considered a potential contaminant source. Therefore, it was agreed upon during the August 7, 2015, meeting to collect soil samples from this area and analyze them for VOCs and PCBs.

3.4 Delineation of Constituents of Concern

Previous groundwater sampling at the site indicates that the groundwater is impacted with VOCs in two areas of the site. Groundwater analytical results from October 2015 for samples collected from wells MW-1R and MW-1DD, on the northern portion of the site, revealed the wells are impacted by chlorinated solvents above Regulatory Cleanup Levels (RCLs). The perimeter wells and vertical extent well MW-1DD in this area did not have concentrations of COCs above RCLs in September 2014 and April 2015. The most recent groundwater monitoring in October 2015 revealed that the vertical extent well MW-1DD had concentrations of TCE above RCLs. Based on all monitoring conducted to date, the horizontal extent of groundwater impacts in the northern portion of the site have been delineated.

Groundwater samples collected from the source wells, perimeter shallow wells, and the deep well in this southern area do not have any COC concentrations above RCLs. Based on these groundwater data, the groundwater in the southern area is not impacted.

Based on the October 2015 groundwater monitoring data, impacted groundwater on the northern and southern side of the site has been horizontally delineated and impacted groundwater is contained on-site and does not flow off-site.

Based on the results of the 2014 soil analytical data, soil in the area of well MW-1R on the north side of the site is impacted by Arsenic above EPD and USEPA RCLs. Impacted soil around well MW-1R has not been fully horizontally or vertically delineated in this area.

3.5 Hydrogeologic Characteristics

According to the United States Department of Agriculture Soil Conservation Service's State Soil Geographic Database, the subject property soils have been mapped and classified as Albany and Chipley Sand. The soil surface texture is sand. These soils are not hydric. These Class A soils are poorly drained to moderately well drained

Georgia consists of four distinct geologic regions. Lowndes County is situated in South Georgia in the Coastal Plain geologic region. The coastal plain is a region of Cretaceous and Cenozoic sedimentary rocks and sediments. These strata dip towards the southeast and are younger nearer the coast. They are underlain by igneous and metamorphic rocks. The sedimentary rocks of the coastal plain partly consist of sediment eroded from the Piedmont over the last 100 million years and are partly limestone.

The lower Coastal Plain consists of a series of Quaternary beach complexes that parallel the modern coast and are younger near the coast. These beach complexes make subtle ridges. The modern beaches consist largely of white quartz.

The most economically significant mineral resource of the coastal plain is Kaolin, a clay-rich rock. Kaolinite, the dominant mineral in Kaolins is used in a variety of industries from Pharmaceuticals to paper. Limestone is also quarried in the Coastal Plain. Its quality is not as high as limestone mined in the Valley and Ridge area. Mineral sands are also mined from the Coastal Plain.

A major geologic resource in the Coastal Plain is groundwater. The aquifers of the Coastal Plain provide groundwater for domestic consumption, for industry and for agricultural purposes. Much of the groundwater used in Lowndes County, and in the southern part of Georgia, is withdrawn from the Floridan Aquifer. Geologic Hazards in the Coastal Plain included sinkholes. Sinkholes can form in areas of limestone bedrock when subsurface dissolution of rock leads to collapse of the earth surface.

The general site lithology consists of sand from approximately 0.0 to 5.0 feet below land surface (bls). GF directed the completion of four lithologic borings (B-1 through B-4), on August 5 through 7, 2014, on the subject property, to depths of 50 feet bls using the direct push technology. Soil samples were collected at 5.0-foot intervals using a Geoprobe with a stainless steel macrocore sampler. The purpose of the borings was to determine the site lithology across the site. Soil boring locations were shown on Figure 5 and soil boring logs were included as Appendix B of Progress Report No. 1. The site lithology consisted of sandy clay from approximately 5.0 to 15 feet bls and the lithology consists of sandy clay or clay with various layers of medium grain sand lenses from approximately 15 to 50 feet bls. The soil borings were terminated at approximately 50 feet bls and groundwater was encountered at approximately 9.0 feet bls.

Water level measurements have been collected during each groundwater monitoring event. The top of casings of each of the monitoring wells has been surveyed to a common benchmark. The top of casing measurements and recent groundwater levels are shown in Table 3 of this report. A potentiometric groundwater flow map is included as Figure 3.

Aquifer testing (slug tests) was performed in monitoring wells located on the site on September 23, 2014, to estimate physical aquifer properties. The aquifer testing was performed in shallow wells MW-2R, MW-12, MW-13 and MW-14. Each of the shallow wells is approximately the same depth

(20 feet bls) and is screened in the same water bearing zone. Aquifer testing was also performed in intermediate wells MW-1D and MW-5D. Each of the intermediate wells is approximately the same depth (40 feet bls) and is screened in the same water bearing zone.

The slug test data were analyzed using the software package AQTESOLV (Geraghty & Miller, Inc., 1987) and the analytical method outlined by Bouwer and Rice (1976), resulting in a value for hydraulic conductivity (K) in feet per minute. The slug test data and calculations were presented in Appendix G of Progress Report No. 1.

Three geologic cross-section maps have been prepared for the site and include: site lithology, groundwater levels, and locations of monitoring wells, nearby potable wells, soil borings, and recent groundwater analytical data. The geologic cross-sections for the site are included as Figures 4 through 8.

3.6 Potential Receptors/Exposure Pathways

Figure 2 is a scaled map showing the nearest water wells and the nearest surface water bodies within 1,000 feet of the extent of groundwater contamination.

A potable well survey was conducted for a ½-mile radius of the site during multiple site visits for the period of July through November 2014. Available data regarding potable wells in the site vicinity were collected from the following sources:

1. Georgia Environmental Protection Division
2. Lowndes County Health Department
3. Well survey to visually locate any private or irrigation wells not found in the records.

The subject site contains two on-site water wells. One water well is located along the northeast property boundary of the site and one in the southern area near the Torch Cutting area. The water well in the south area has been capped and closed. The northeast well is still in use at the facility for non-potable water. The depth of these two water wells is unknown.

Residential properties with private water wells are located less than ½ mile to the east and southwest of the property. Well proximity was noted when evaluating potential human exposure. The locations of nearby drinking water supply wells were verified; however the depths of the wells could not be verified by inspection.

No public wells were identified during the ½-mile radius survey performed around the subject site. The subject site was not found to be located within a wellhead protection zone for any public water supply or well field after reviewing state records. No public water supply wells, public supply conversion (top 20) wells, or public supply conversion/reclass wells were identified within a ½-mile radius of the subject site. No industrial wells were identified within a ½-mile radius of the subject site. The results from the potable well and sensitive receptor survey map are included on Figure 1.

4.0 INVESTIGATION AND REMEDIATION PLAN

4.1 Delineation Criteria and Standards

The proposed delineation standards for COCs are summarized in the tables regarding the criterion for EPD review. Soil and groundwater delineation criteria are consistent with 12-8-108(1)(A) through (E) of the Act. Based on the proposed delineation standards it has been demonstrated that horizontal delineation of contamination within the boundaries of the property has been achieved.

Surface water and sediment delineation standards were not established because the only surface water and sediment located on-site are outside the delineated soil and groundwater impacts and were not impacted by site operations.

4.2 Cleanup Criteria and Standards

The soil and groundwater Risk Reduction Standards (RRS) were established based on property usage. The highest values between Type 3 and 4 RRS (Type 3/4 RRS) were used as general non-residential RRS. The property closure will include certification of non-residential usage and implementation of an environmental covenant restricting current and future property usage.

4.3 Proposed Additional Investigation and Corrective Actions

Additional monitoring wells were installed in 2014 and 2015 in order to delineate groundwater based on potentiometric surface maps. The inferred groundwater flow direction using groundwater elevations from all on-site wells screened across the water table are shown on Figure 3.

4.4 Milestone Schedule

A revised VRP milestone schedule that is consistent with the requirements summarized on the current VRP application form was submitted with the Status Report No. 1.

4.5 Groundwater Contaminant Fate and Transport Modeling

Groundwater contaminant fate and transport modeling will be completed to evaluate potential risks to POEs downgradient of the site and will be evaluated for all COCs detected in groundwater at concentrations greater than Type 1/2 RRS using groundwater modeling. The COCs include chlorinated VOCs, Benzene, and Arsenic. Biochlor will be used for conducting modeling of dissolved regulated Chlorinated Ethenes and Ethanes. Other COCs will be modeled using modifications to input parameters and basic model code assumptions, or will be modeled separately.

5.0 SITE INVESTIGATION

The purpose of this section is to provide the results of site investigation activities that have been completed since submittal of the last VRP Status Report in May 2015 and to provide additional basis for a CSM for the site. The additional site investigation activities included: groundwater monitoring; soil borings and soil sampling; preparation of additional geologic cross-sections; further evaluation of sensitive receptors and potable wells in the site vicinity; and preparation of a potentiometric surface map.

Field investigation procedures were conducted in accordance with current USEPA Region 4 SOPs and Guidance documents for field investigations where feasible. The groundwater sampling logs are included in Appendix B.

Analytical data reports are complete, with applicable signatures, as issued by the laboratory and are included in Appendix C. Pursuant to 391-3-26 of the Rules for Commercial Environmental Laboratories, the laboratory certification documentation is provided in Appendix C.

5.1 Groundwater Sampling

Groundwater samples were collected from monitoring wells MW-1R, MW-1D, MW-1DD, MW-2R, MW-3, MW-4, MW-5, MW-5D, MW-6, MW-8, MW-10, MW-11, MW-12, MW-13 MW-14, MW-15 and the north water well on October 19 and 20, 2015.

5.2 Groundwater Laboratory Results

1,1-Dichloroethene was reported by the laboratory to be greater than the MCL of 7.0 micrograms per liter ($\mu\text{g/L}$) in the sample collected from well MW-1R (11.5 $\mu\text{g/L}$). Cis 1,2-Dichloroethene was reported by the laboratory to be greater than the MCL of 70.0 $\mu\text{g/L}$ in the sample collected from well

MW-1R (473 µg/L). Tetrachloroethene was reported by the laboratory to be greater than the MCL of 5.0 µg/L in the sample collected from MW-1R (464 µg/L) and MW-1DD (12.6 µg/L).

Trichloroethene was reported by the laboratory to be greater than the MCL of 5.0 µg/L in the sample collected from well MW-1R (1,830 µg/L). Arsenic was reported by the laboratory to be greater than the MCL of 10.0 µg/L in the sample collected from well MW-1R (265 µg/L). The concentrations of VOCs and Arsenic in the groundwater samples collected from all of the other monitoring wells were below their respective MCLs and/or below laboratory detection limits. The groundwater sampling results are summarized in Table 2 and shown on Figure 9. The groundwater laboratory reports are included in Appendix C.

5.3 Soil Borings and Soil Sampling

On October 21, 2015, GF completed soil borings in four locations to depths of 4.0 feet bls (drum storage shed) and one location to a depth of 3.0 feet bls (PCB excavation area) using a stainless steel hand auger. The hand auger was decontaminated between each boring. The five locations were selected following the on-site meeting between EPD, GF, and TMR on August 7, 2015.

The soil samples from the drum storage area were sent to Accutest Laboratories, Inc. (Accutest) for analysis of VOCs by EPA Method 8260 and PCBs by EPA Method 8081. The samples from the 0.0 to 2.0 feet interval were analyzed first. No COC concentrations were detected above Appendix I soil concentrations in any of the samples.

A confirmatory soil sample was collected in Source Area 3 where the highest concentration of Aroclors 1016 and 1242 were detected in soil prior to the excavation. The soil sample was sent to Accutest and analyzed for the 12 dioxin-like PCBs and potential regulated PCB cross contaminants or byproducts such as polychlorinated dibenzofurans (PCDFs) and dibenzodioxins (PCDDs). No COC concentrations were detected above Appendix I soil concentrations or EPA RSLs in any of the samples.

5.4 Soil Analytical Results

All soil samples were reported by the laboratory to be below the Regulated Substance and Soil Concentrations that Trigger Notifications (RSSC) in EPD Chapter 391-3-19-01 for PCBs. The soil data are summarized in Tables 1 and 1A and are shown on Figures 10 and 11. The laboratory report is included in Appendix C.

5.5 Water Supply Well

The water supply well located in the southern portion of the property, near monitoring well MW-5, will be maintained and used once operations at the site resume. If the well remains unused for three years or more it will be permanently abandoned in accordance with 12-5-134(6) of the Georgia Water Well Standards Act of 1985, et. seq. If the well is permanently decommissioned, documentation, including well abandonment field logs, will be submitted to the Response and Remediation Program within 60-days of abandonment.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The investigation included the collection of groundwater samples from existing wells, laboratory analysis of groundwater samples, completion of soil borings, collection of soil samples, and laboratory analysis of soil samples.

Based on the results of the soil analytical data, soil in the area of well MW-1R on the north side of the site is impacted by Arsenic above EPD and USEPA RCLs. Impacted soil around well MW-1R has not been fully horizontally or vertically delineated in this area.

A total of 13 shallow wells, two deep wells, one vertical extent well, and one water well were sampled during the October 2015 investigation. Groundwater analytical results from samples collected from wells MW-1R and MW-1DD on the northern portion of the site reveal the wells are impacted by chlorinated solvents above RCLs. The perimeter wells and deep well in this area do not have concentrations of COCs above RCLs. Based on these data, the groundwater impacts in the northern portion of the site have been delineated.

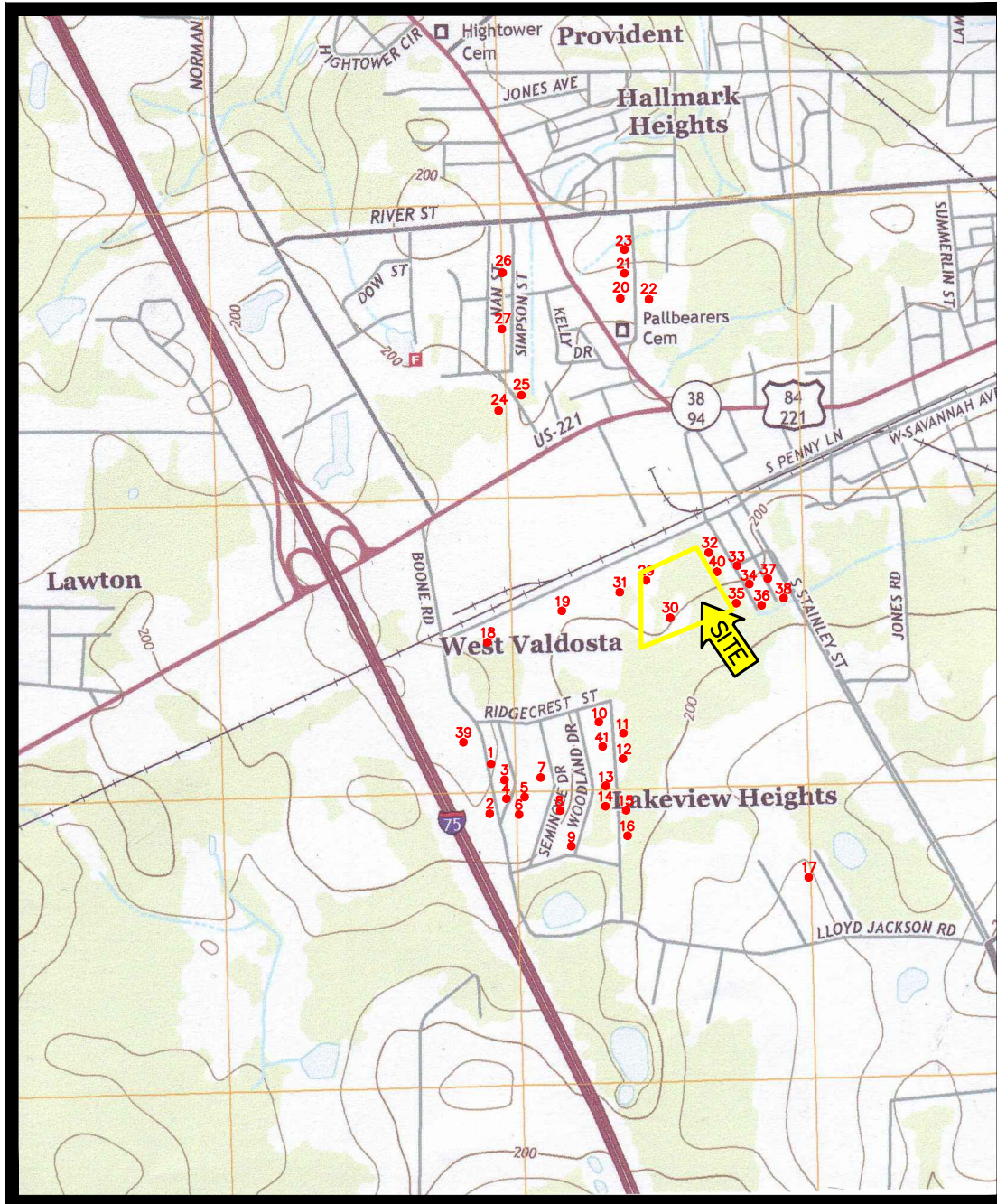
Groundwater samples collected from the source wells, perimeter shallow wells, and the deep well in the southern area do not have concentrations above RCLs. Based on these groundwater data there are no groundwater impacts in the southern area.

Impacted groundwater on-site has been vertically delineated and impacted groundwater is contained on-site and does not flow off-site.

GF recommends performing another semi-annual sampling event in May 2015 for natural attenuation and addressing the arsenic impacted soil in the area of monitoring well MW-1R on the northern side of the site.

FIGURES

SITE LOCATION MAP



- | | | | |
|-------------------------|-----------------------------|---|-------------------------|
| 1. 2124 BOONE RD. | 14. 1770 RIDGECREST ST. | 27. 306 SIMPSON ST. | 40. 509 BURNETTE BLVD. |
| 2. 1660 BOONE RD. | 15. 1771 RIDGECREST ST. | 28. 202 SIMPSON ST. | 41. 1710 RIDGECREST ST. |
| 3. 2038 WOODY CIRCLE | 16. 1783 RIDGECREST ST. | 29. 2000 WEST SAVANNAH AVE. | |
| 4. 2050 WOODY CIRCLE | 17. 1757 MYERS RD. | 30. 2000 WEST SAVANNAH AVE. | |
| 5. 2057 WOODY CIRCLE | 18. 2301 WEST SAVANNAH AVE. | 31. 2005 WEST SAVANNAH AVE. | |
| 6. 2059 WOODY CIRCLE | 19. 2305 WEST SAVANNAH AVE. | 32. 501 BURNETTE BLVD. | |
| 7. 1936 SEMINOLE DR. | 20. 222 BECK ST. | 33. 512 GREEN ACRES DR. | |
| 8. 1951 SEMINOLE DR. | 21. 230 BECK ST. | 34. 544 BURNETTE BLVD. | |
| 9. 1890 WOOLAND DR. | 22. 231 BECK ST. | 35. 540 BURNETTE BLVD. | |
| 10. 1690 RIDGECREST ST. | 23. 234 BECK ST. | 36. 549 BURNETTE BLVD. | |
| 11. 1722 RIDGECREST ST. | 24. 128 HAZELTON ST. | 37. 442, 442 1/2, 444 GREEN ACRES BLVD. | |
| 12. 1726 RIDGECREST ST. | 25. 121 HAZELTON ST. | 38. 449 GREEN ACRES BLVD. | |
| 13. 1758 RIDGECREST ST. | 26. 308 SIMPSON ST. | 39. 2072 BOONE RD. | |

SCALE 1"=2,000'

TRADEMARK METALS RECYCLING
 2000 WEST SAVANNAH AVENUE
 VALDOSTA, GEORGIA



FIGURE 2

LEGEND

 Monitoring Well Location



SITE MAP

TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA

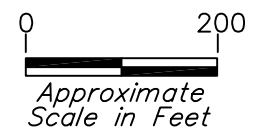


FIGURE 3



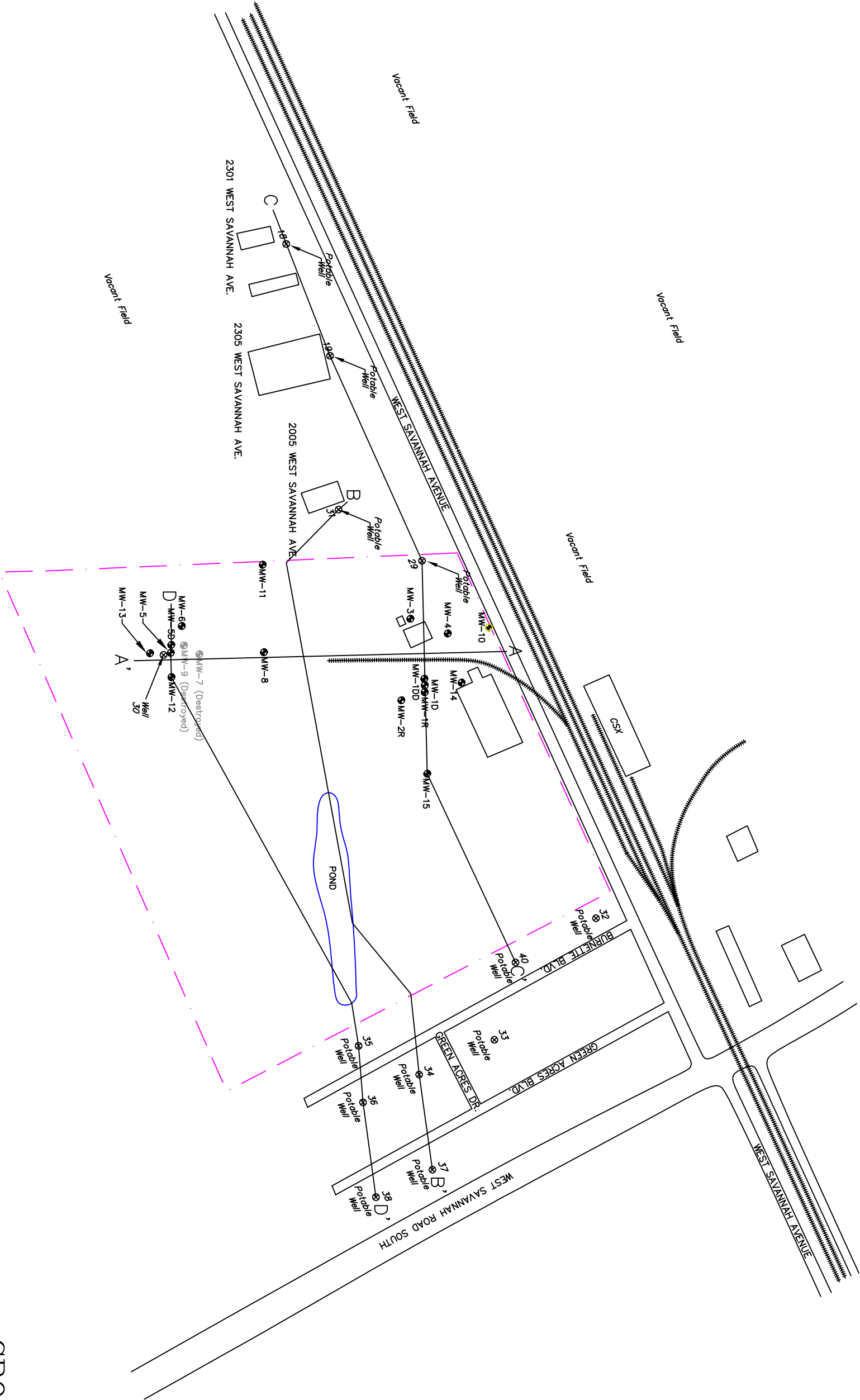
LEGEND

-  Monitoring Well Location
-  Inferred Groundwater Contour
-  195.00 Water Level Elevation Contour
-  (194.26) Relative Water Level Elevation
-  Inferred Groundwater Flow Direction
- Elevations Relative To An On-Site Benchmark



**SHALLOW
GROUNDWATER
FLOW MAP**

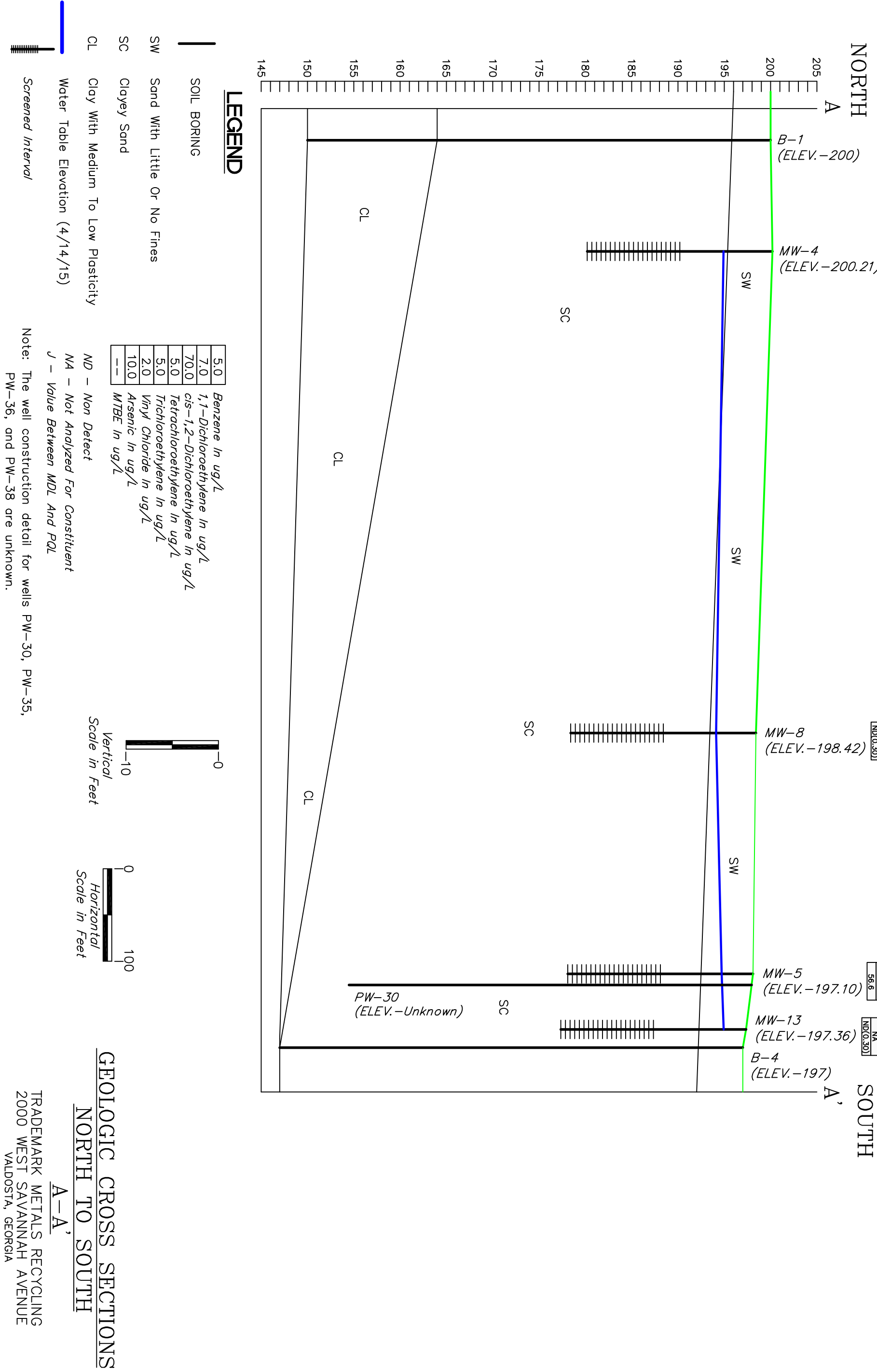
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2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA

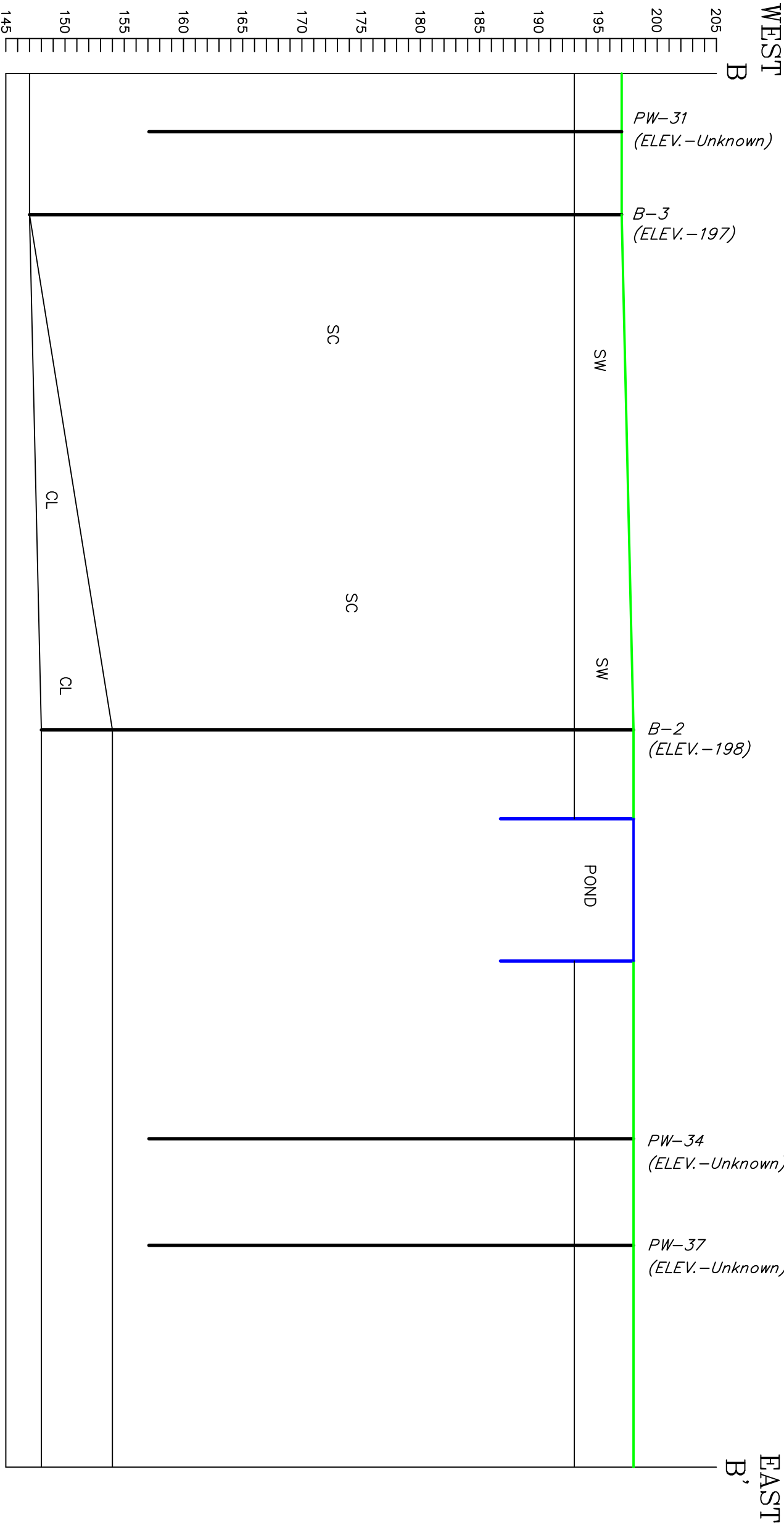


LEGEND

- Monitoring Well
- Potable Well
- Pond
- Site Boundary
- A — A' Cross Section

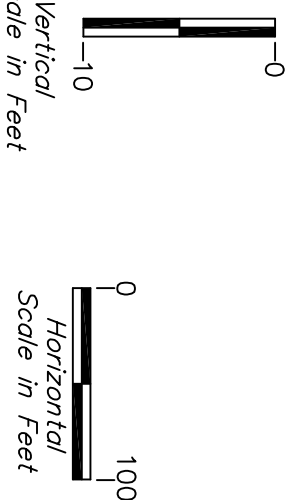






LEGEND

- SOIL BORING**
- SW Sand With Little Or No Fines
 - SC Clayey Sand
 - CL Clay With Medium To Low Plasticity



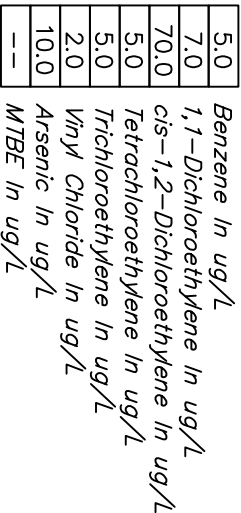
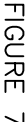
Note: The well construction detail for wells PW-31, PW-34, and PW-37 are unknown.

GEOLOGIC CROSS SECTIONS

WEST TO EAST

B-B'

TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA



Vertical Scale in Feet

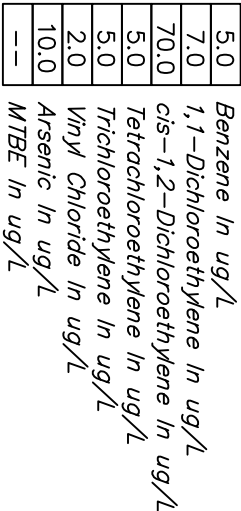
Scale Type	Start (Feet)	End (Feet)
Black	0	10
White	10	20

Horizontal Scale in Feet

Scale Type	Start (Feet)	End (Feet)
Black	0	100
White	100	200

$$\overline{C-C'}$$

TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA



NA – Not Analyzed For Constituent

J - Value Between MDL And PQL

Note: The well construction detail for wells PW-30, PW-35, PW-36, and PW-38 are unknown.

LEGEND

SOIL BORING

SW Sand With Little Or No Fines

SC Clayey Sand

CL Clay With Medium To Low Plasticity

Water Table Elevation (4/14/15)

Screened Interval

5.0	Benzene in ug/L
7.0	1,1-Dichloroethylene in ug/L
70.0	cis-1,2-Dichloroethylene in ug/L
5.0	Tetrachloroethylene in ug/L
5.0	Trichloroethylene in ug/L
2.0	Vinyl Chloride in ug/L
10.0	Arsenic in ug/L
--	MTBE in ug/L

ND – Non Detect

NA – Not Analyzed For Constituent

J - Value Between MDL And PQL

Note: The well construction detail for wells PW-30, PW-35, PW-36, and PW-38 are unknown.

GEOLOGIC CROSS SECTIONS

WEST TO EAST

$$\overline{D-D}$$

TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA



FIGURE 9

Monitoring Well Location

Table 1 Groundwater Criteria

5.0	Benzene In ug/L
7.0	1,1-Dichloroethylene In ug/L
70.0	cis-1,2-Dichloroethylene In ug/L
5.0	Tetrachloroethylene In ug/L
5.0	Trichloroethylene In ug/L
2.0	Vinyl Chloride In ug/L
10.0	Arsenic In ug/L
--	MTBE In ug/L

ND - Non Detect

NA - Not Analyzed For Constituent

J – Value between MDL and PQL

Bold – Exceeds Groundwater Standards

Note: All other 8260's are below lab detection limit (Non Detect) or below groundwater criteria listed in table.

White Wells Are Destroyed



GROUNDWATER QUALITY MAP

OCTOBER 19-20, 2015
TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA



FIGURE 10

LEGEND

▲ Soil Boring Location

0-2'	Sample Depth
20	Benzene in ug/Kg
360	1,1-Dichloroethylene in ug/Kg
530	cis-1,2-Dichloroethylene in ug/Kg
5.0	Tetrachloroethylene in ug/Kg
5.0	Trichloroethylene in ug/Kg
2.0	Vinyl Chloride in ug/Kg
NA	MTBE in ug/Kg
1,550	Aroclor 1248 in ug/Kg
1,550	Aroclor 1260 in ug/Kg
1,550	Aroclor 1254 in ug/Kg

All borings completed 0-4 ft. bls.
All other Aroclor's were ND.
ug/Kg – micrograms per Kilogram
ND – Non Detect
NA – Not Analyzed

 Covered Area



SOIL QUALITY MAP

OCTOBER 21, 2015
TRADEMARK METALS RECYCLING
2000 WEST SAVANNAH AVENUE
VALDOSTA, GEORGIA

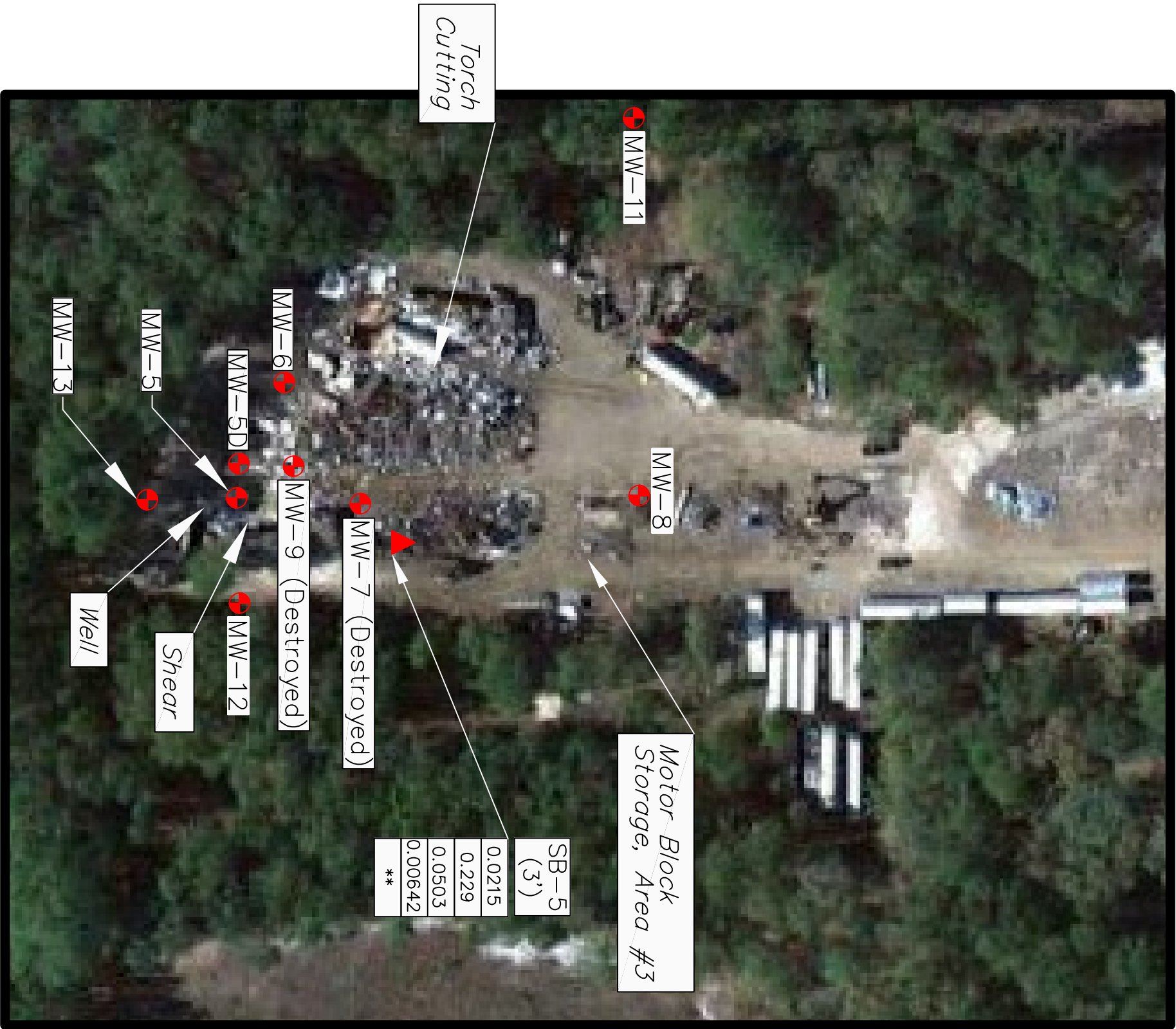


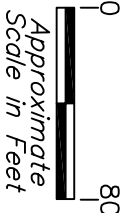
FIGURE 11

LEGEND

-  Monitoring Well Location
-  Soil Sample Location

0.8	1,2,3,4,6,7,8–HpCDD In ug/Kg
NA	1,2,3,4,6,7,8,9–OCDD In ug/Kg
0.8	Total Heptachlorodibenzo–p–dioxin In ug/Kg
0.8	Total Heptachlorobenzo furan In ug/Kg
1,550	Chlorinated Biphenyls In ug/Kg

All other Dioxins and Furans were below PQLs.
ug/Kg – micrograms per Kilogram
** – All Chlorinated Biphenyls below trigger notification concentrations (NCs)



TABLES

Table 1 - Soil Analytical Data Drum Storage Shed

Trademark Metals Recycling, 2000 West Savannah, Valdosta, GA

Client Sample ID:			SB-1 0-2	SB-2 0-2	SB-3 0-2	SB-4 0-2
Date Sampled:			10/21/2015	10/21/2015	10/21/2015	10/21/2015
Matrix:	Units	Appendix I Regulated Substances and Soil Concentrations that Trigger Notification	Soil	Soil	Soil	Soil
GC Semi-volatiles (SW846 8082A)						
Aroclor 1248	µg/kg	1,550	ND (6.5)	ND (7.1)	ND (7.5)	ND (7.1)
Aroclor 1254	µg/kg	1,550	ND (6.5)	ND (7.1)	ND (7.5)	ND (7.1)
Aroclor 1260	µg/kg	1,550	ND (6.5)	ND (7.1)	ND (7.5)	ND (7.1)
Footnotes:						

Table 1 - Soil Analytical Data Motor Block Storage Excavation

Trademark Metals Recycling, 2000 West Savannah, Valdosta, GA

Sample ID:	SB-5					
Date:	10/21/2015					
Polychlorinated dibenzo-p-dioxins (PCDDs)	NC	TEF	Lab Result	Units	Qualifier	MDL
2,3,7,8-Tetrachlorodibenzo-p-dioxin	80	1	0.984	PG/G	U	0.984
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	160	1	4.92	PG/G	U	4.92
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1900	0.1	4.92	PG/G	U	4.92
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1900	0.1	4.92	PG/G	U	4.92
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1900	0.1	4.92	PG/G	U	4.92
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	800	0.01	21.5	PG/G		4.92
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	NA	0.0003	229	PG/G		9.84
Polychlorinated dibenzofurans (PCDFs)						
2,3,7,8-Tetrachlorodibenzofuran	800	0.1	0.984	PG/G	U	0.984
1,2,3,7,8-Pentachlorodibenzofuran	160	0.03	4.92	PG/G	U	4.92
2,3,4,7,8-Pentachlorodibenzofuran	160	0.3	4.92	PG/G	U	4.92
1,2,3,4,7,8-Hexachlorodibenzofuran	800	0.1	4.92	PG/G	U	4.92
1,2,3,6,7,8-Hexachlorodibenzofuran	800	0.1	4.92	PG/G	U	4.92
2,3,4,6,7,8-Hexachlorodibenzofuran	800	0.1	4.92	PG/G	U	4.92
1,2,3,7,8,9-Hexachlorodibenzofuran	800	0.1	4.92	PG/G	U	4.92
1,2,3,4,6,7,8-Heptachlorodibenzofuran	800	0.01	4.92	PG/G	U	4.92
1,2,3,4,7,8,9-Heptachlorodibenzofuran	800	0.01	4.92	PG/G	U	4.92
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	NA	0.0003	9.84	PG/G	U	9.84

Table 1 - Soil Analytical Data Motor Block Storage Excavation

Trademark Metals Recycling, 2000 West Savannah, Valdosta, GA

Sample ID:	SB-5					
Date:	10/21/2015					
Total PCDDs and PCDFs	NC	TEF	Lab Result	Units	Qualifier	MDL
Total Tetrachlorodibenzo-p-dioxin	80	NA	0.984	PG/G	U	0.984
Total Pentachlorodibenzo-p-dioxin	160	NA	4.92	PG/G	U	4.92
Total Hexachlorodibenzo-p-dioxin	1900	NA	4.92	PG/G	U	4.92
Total Heptachlorodibenzo-p-dioxin	800	NA	50.3	PG/G		4.92
Total Tetrachlorodibenzofuran	800	NA	0.984	PG/G	U	0.984
Total Pentachlorodibenzofuran	160	NA	4.92	PG/G	U	4.92
Total Hexachlorodibenzofuran	800	NA	4.92	PG/G	U	4.92
Total Heptachlorodibenzofuran	800	NA	6.42	PG/G		4.92
TEQ WHO2005 ND=0	NA	NA	0.284	PG/G		
TEQ WHO2005 ND=0.5	NA	NA	5.87	PG/G		
Polychlorinated biphenyls (PCB congener number)						
3,3',4,4'-Tetrachlorobiphenyl (77)	160,000	0.0001	104	PG/G		1.94
3,4,4',5-Tetrachlorobiphenyl (81)	49,000	0.0003	4.32	PG/G		1.94
2,3,3',4,4'-Pentachlorobiphenyl (105)	500,000	0.00003	942	PG/G		1.94
2,3,4,4',5-Pentachlorobiphenyl (114)	510,000	0.00003	52.1	PG/G		1.94
2,3',4,4',5-Pentachlorobiphenyl (118)	500,000	0.00003	2080	PG/G		1.94
2',3,4,4',5-Pentachlorobiphenyl (123)	500,000	0.00003	35.2	PG/G		1.94
3,3',4,4',5-Pentachlorobiphenyl (126)	150	0.1	6.99	PG/G		1.94
2,3,3',4,4',5-Hexachlorobiphenyl (156)	510,000	0.00003	342	PG/G	C	3.88
2,3,3',4,4',5'-Hexachlorobiphenyl (157)	510,000	0.00003	3.88	PG/G	C156	3.88
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	520,000	0.00003	109	PG/G		1.94
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	520	0.03	1.94	PG/G	U	1.94
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	520,000	0.00003	28.9	PG/G		1.94

Table 2:
Groundwater Analytical Data
 Trademark Metals Recycling
 2000 West Savannah, Valdosta, GA

Matrix:	Units	Appendix III Table 1 Groundwater Criteria	MW-1D			MW-1DD			MW-1R			MW-2R		
			9/22/2014	4/15/2015	10/19/2015	11/11/2014	4/15/2015	10/19/2015	8/12/2014	4/15/2015	10/20/2015	8/12/2014	4/15/2015	10/20/2015
GC/MS Volatiles (SW846)														
Benzene	µg/l	5	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	0.91 J	0.71 J	ND (5.0)	ND (0.24)	ND (0.20)	ND (0.20)
Bromodichloromethane	µg/l	NC	ND (0.26)	ND (0.22)	ND (0.22)	2.3	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (5.4)	ND (0.26)	ND (0.22)	ND (0.22)
Chlorobenzene	µg/l	100	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	0.21 J	ND (5.0)	ND (0.24)	ND (0.20)	ND (0.20)
Chloroform	µg/l	80	ND (0.31)	ND (0.30)	ND (0.30)	26.7	3.9	1.1	0.41 J	0.79 J	ND (7.5)	ND (0.31)	ND (0.30)	ND (0.30)
1,2-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	0.34 J	ND (5.6)	-	ND (0.22)	ND (0.22)
1,3-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (5.4)	-	ND (0.22)	ND (0.22)
1,1-Dichloroethane	µg/l	4000	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	1.6	0.70 J	ND (5.0)	ND (0.26)	ND (0.20)	ND (0.20)
1,1-Dichloroethylene	µg/l	7	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	24.8	13.8	11.5 J	ND (0.25)	ND (0.27)	ND (0.27)
cis-1,2-Dichloroethylene	µg/l	70	2	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	1770	612	473	ND (0.33)	ND (0.22)	ND (0.22)
trans-1,2-Dichloroethylene	µg/l	100	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	20.1	11.1	7.9 J	ND (0.34)	ND (0.21)	ND (0.21)
Ethylbenzene	µg/l	700	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	22.5	10.2	8.8 J	ND (0.28)	ND (0.20)	ND (0.20)
Isopropylbenzene	µg/l	NC	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	1.1	0.59 J	ND (5.0)	ND (0.20)	ND (0.20)	ND (0.20)
p-Isopropyltoluene	µg/l	NC	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	0.28 J	ND (0.20)	ND (5.0)	ND (0.24)	ND (0.20)	ND (0.20)
o-Dichlorobenzene	µg/l	600	ND (0.29)	-	-	ND (0.29)	-	-	0.60 J	-	-	ND (0.29)	-	-
p-Dichlorobenzene	µg/l	75	ND (0.20)	-	-	ND (0.20)	-	-	0.33 J	-	-	ND (0.20)	-	-
1,2-Dichloroethene (total)	µg/l	NC	2	-	-	ND (0.67)	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/l	NC	-	ND (0.30)	ND (0.30)	-	ND (0.30)	ND (0.30)	ND (0.20)	ND (0.30)	ND (7.5)	ND (0.20)	ND (0.30)	ND (0.30)
Naphthalene	µg/l	20	-	ND (1.0)	ND (1.0)	-	ND (1.0)	ND (1.0)	2.9 J	12.6	ND (25)	ND (1.0)	ND (1.0)	ND (1.0)
n-Propylbenzene	µg/l	NC	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	2.6	1.2	ND (5.0)	ND (0.24)	ND (0.20)	ND (0.20)
Tetrachloroethylene	µg/l	5	0.67 J	ND (0.33)	ND (0.33)	1.8	3.9	12.6	130	389	464	2.3	2.1	2.2
Toluene	µg/l	1000	-	ND (0.40)	ND (0.40)	-	ND (0.40)	ND (0.40)	2.9	1.3	ND (10)	ND (0.20)	ND (0.40)	ND (0.40)
1,2,3-Trichlorobenzene	µg/l	NC	-	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (13)	ND (0.50)	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	µg/l	70	-	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (13)	ND (0.50)	ND (0.50)	ND (0.50)
Trichloroethylene	µg/l	5	7.9	ND (0.22)	ND (0.22)	0.99 J	0.79 J	1.4	3,060	1,790	1,830	ND (0.30)	ND (0.22)	ND (0.22)
1,2,4-Trimethylbenzene	µg/l	NC	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	6.6	3.8	ND (5.0)	ND (0.24)	ND (0.20)	ND (0.20)
1,3,5-Trimethylbenzene	µg/l	NC	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	2.3	1.2 J	ND (5.6)	ND (0.20)	ND (0.22)	ND (0.22)
Vinyl Chloride	µg/l	2	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	4.2	1.3	ND (6.3)	ND (0.33)	ND (0.25)	ND (0.25)
m,p-Xylene	µg/l	10	-	ND (0.31)	ND (0.31)	-	ND (0.31)	ND (0.31)	27.5	13.9	ND (7.9)	ND (0.48)	ND (0.31)	ND (0.31)
o-Xylene	µg/l	10	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	29.6	12.9	7.0 J	ND (0.20)	ND (0.20)	ND (0.20)
Metals Analysis														
Arsenic	µg/l	10	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	225	283	265	ND (10)	ND (10)	ND (10)

Notes:
 NC - No Criteria
 ND - No Detection
 J - Indicates an estimated value
 b - Associated BS recovery outside control limits

Table 2:
Groundwater Analytical Data
Trademark Metals Recycling
2000 West Savannah, Valdosta, GA

Matrix:	Units	Appendix III Table 1 Groundwater Criteria	MW-3			MW-4			MW-5			MW-5D		
			7/22/2014	4/15/2015	10/20/2015	7/22/2014	4/15/2015	10/20/2015	7/22/2014	4/14/2015	10/20/2015	8/11/2014	4/14/2015	10/20/2015
GC/MS Volatiles (SW846)														
Benzene	µg/l	5	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	12.9	2.7	1.4	ND (0.24)	ND (0.20)	ND (0.20)
Bromodichloromethane	µg/l	NC	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.52)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)
Chlorobenzene	µg/l	100	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.48)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
Chloroform	µg/l	80	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.62)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)
1,2-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)
1,3-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	0.23 J
1,1-Dichloroethane	µg/l	4000	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.51)	ND (0.20)	ND (0.20)	0.34 J	ND (0.20)	0.30 J
1,1-Dichloroethylene	µg/l	7	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.51)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)
cis-1,2-Dichloroethylene	µg/l	70	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.65)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)
trans-1,2-Dichloroethylene	µg/l	100	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.69)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)
Ethylbenzene	µg/l	700	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.56)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)
Isopropylbenzene	µg/l	NC	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.40)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
p-Isopropyltoluene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.48)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
o-Dichlorobenzene	µg/l	600	ND (0.29)	-	-	ND (0.29)	-	-	ND (0.59)	-	-	ND (0.29)	-	-
p-Dichlorobenzene	µg/l	75	ND (0.20)	-	-	ND (0.20)	-	-	ND (0.40)	-	-	ND (0.20)	-	-
1,2-Dichloroethene (total)	µg/l	NC	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/l	NC	ND (0.20)	ND (0.30)	ND (0.30)	ND (0.20)	ND (0.30)	ND (0.30)	149	56.6	33.1	0.38 J	0.52 J	0.51 J
Naphthalene	µg/l	20	ND (1.0)	ND (1.0) ^b	ND (1.0)	ND (1.0)	ND (1.0) ^b	ND (1.0)	ND (2.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
n-Propylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.48)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
Tetrachloroethylene	µg/l	5	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.51)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)
Toluene	µg/l	1000	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)
1,2,3-Trichlorobenzene	µg/l	NC	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	0.68 J
1,2,4-Trichlorobenzene	µg/l	70	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	0.51 J	1.1	1.6
Trichloroethylene	µg/l	5	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	0.24 J	ND (0.22)	ND (0.60)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)
1,2,4-Trimethylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.49)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
1,3,5-Trimethylbenzene	µg/l	NC	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.40)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)
Vinyl Chloride	µg/l	2	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.65)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)
m,p-Xylene	µg/l	10	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.96)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)
o-Xylene	µg/l	10	ND (0.29)	-	ND (0.20)	ND (0.29)	-	ND (0.20)	ND (0.58)	-	ND (0.20)	ND (0.29)	-	ND (0.20)
Metals Analysis														
Arsenic	µg/l	10	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	-	-	-

Notes:
NC - No Criteria
ND - No Detection
J - Indicates an estimated value
b - Associated BS recovery outside control limits

Table 2:
Groundwater Analytical Data
 Trademark Metals Recycling
 2000 West Savannah, Valdosta, GA

Matrix:	Units	Appendix III Table 1 Groundwater Criteria	MW-6			MW-8			MW-10			MW-11		
			7/22/2014	4/14/2015	10/20/2015	7/22/2014	4/15/2015	10/20/2015	7/22/2014	4/15/2015	10/20/2015	7/22/2014	4/15/2015	10/20/2015
GC/MS Volatiles (SW846														
Benzene	µg/l	5	ND (0.24)	ND (0.20)	ND (0.20)	0.61 J	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
Bromodichloromethane	µg/l	NC	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)
Chlorobenzene	µg/l	100	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
Chloroform	µg/l	80	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)
1,2-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)
1,3-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)
1,1-Dichloroethane	µg/l	4000	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	1.1	0.32 J	ND (0.20)
1,1-Dichloroethylene	µg/l	7	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)
cis-1,2-Dichloroethylene	µg/l	70	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)
trans-1,2-Dichloroethylene	µg/l	100	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)
Ethylbenzene	µg/l	700	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)
Isopropylbenzene	µg/l	NC	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
p-Isopropyltoluene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
o-Dichlorobenzene	µg/l	600	ND (0.29)	-	-	ND (0.29)	-	-	ND (0.29)	-	-	ND (0.29)	-	-
p-Dichlorobenzene	µg/l	75	ND (0.20)	-	-	ND (0.20)	-	-	ND (0.20)	-	-	ND (0.20)	-	-
1,2-Dichloroethene (total)	µg/l	NC	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	µg/l	NC	1.5	1.1	1	0.41 J	ND (0.30)	ND (0.30)	ND (0.20)	ND (0.30)	ND (0.30)	ND (0.20)	ND (0.30)	ND (0.30)
Naphthalene	µg/l	20	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) ^b	ND (1.0)	ND (1.0)	ND (1.0) ^b	ND (1.0)	ND (1.0)	ND (1.0) ^b	ND (1.0)
n-Propylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
Tetrachloroethylene	µg/l	5	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)
Toluene	µg/l	1000	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)
1,2,3-Trichlorobenzene	µg/l	NC	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	µg/l	70	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Trichloroethylene	µg/l	5	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)
1,2,4-Trimethylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)
1,3,5-Trimethylbenzene	µg/l	NC	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)
Vinyl Chloride	µg/l	2	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	0.80 J	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)
m,p-Xylene	µg/l	10	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)
o-Xylene	µg/l	10	ND (0.29)	-	ND (0.20)	ND (0.29)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Metals Analysis														
Arsenic	µg/l	10	-	-	-	-	-	-	ND (10)	ND (10)	ND (10)	-	-	-

Notes:
 NC - No Criteria
 ND - No Detection
 J - Indicates an estimated value
 b - Associated BS recovery outside control limits

Table 2:
Groundwater Analytical Data
 Trademark Metals Recycling
 2000 West Savannah, Valdosta, GA

Matrix:	Units	Appendix III Table 1 Groundwater Criteria	MW-12			MW-13			MW-14			MW-15			WATER WELL	
			8/11/2014	4/14/2015	10/20/2015	8/11/2014	4/14/2015	10/20/2015	9/22/2014	4/15/2015	10/20/2015	9/22/2014	4/15/2015	10/20/2015	4/15/2015	10/20/2015
GC/MS Volatiles (SW846)																
Benzene	µg/l	5	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Bromodichloromethane	µg/l	NC	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Chlorobenzene	µg/l	100	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Chloroform	µg/l	80	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.31)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
1,2-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
1,3-Dichlorobenzene	µg/l	600	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
1,1-Dichloroethane	µg/l	4000	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.26)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
1,1-Dichloroethylene	µg/l	7	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.25)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
cis-1,2-Dichloroethylene	µg/l	70	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.33)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,2-Dichloroethylene	µg/l	100	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.34)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)
Ethylbenzene	µg/l	700	ND (0.28)	ND (0.20)	ND (0.20)	ND (0.28)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Isopropylbenzene	µg/l	NC	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
p-Isopropyltoluene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
o-Dichlorobenzene	µg/l	600	ND (0.29)	-	-	ND (0.29)	-	-	ND (0.29)	-	-	ND (0.29)	-	-	-	-
p-Dichlorobenzene	µg/l	75	ND (0.20)	-	-	ND (0.20)	-	-	ND (0.20)	-	-	ND (0.20)	-	-	-	-
1,2-Dichloroethene (total)	µg/l	NC	-	-	-	-	-	-	ND (0.67)	-	-	ND (0.67)	-	-	-	-
Methyl Tert Butyl Ether	µg/l	NC	6.1	3.1	1.5	ND (0.20)	ND (0.30)	ND (0.30)	-	ND (0.30)	ND (0.30)	-	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Naphthalene	µg/l	20	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	-	ND (1.0)	ND (1.0)	-	ND (1.0) ^b	ND (1.0)	ND (1.0) ^b	ND (1.0)
n-Propylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Tetrachloroethylene	µg/l	5	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.26)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)
Toluene	µg/l	1000	ND (0.20)	ND (0.40)	ND (0.40)	ND (0.20)	ND (0.40)	ND (0.40)	-	ND (0.40)	ND (0.40)	-	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
1,2,3-Trichlorobenzene	µg/l	NC	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	µg/l	70	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	-	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Trichloroethylene	µg/l	5	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.30)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
1,2,4-Trimethylbenzene	µg/l	NC	ND (0.24)	ND (0.20)	ND (0.20)	ND (0.24)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
1,3,5-Trimethylbenzene	µg/l	NC	ND (0.20)	ND (0.22)	ND (0.22)	ND (0.20)	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	-	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Vinyl Chloride	µg/l	2	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.33)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
m,p-Xylene	µg/l	10	ND (0.48)	ND (0.31)	ND (0.31)	ND (0.48)	ND (0.31)	ND (0.31)	-	ND (0.31)	ND (0.31)	-	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
o-Xylene	µg/l	10	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)	ND (0.20)	-	ND (0.20)
Metals Analysis																
Arsenic	µg/l	10	-	-	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

Notes:
 NC - No Criteria
 ND - No Detection
 J - Indicates an estimated value
 b - Associated BS recovery outside control limits

Table 3
Monitoring Well and Groundwater Elevation Data

Trademark Metals Recycling, 2000 West Savannah, Valdosta, GA

WELL NO.	MW-1R			MW-2R			MW-3			MW-4		
DIAMETER (inches)	2.0			2.0			1.0			1.0		
WELL DEPTH (feet)	20			20			20			20		
SCREEN INTVL. (feet)	10			10			10			10		
TOC ELEVATION (feet)	199.77			199.31			198.79			200.21		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/21/14	-	-	-	-	-	-	191.53	7.26	0.00	191.53	8.68	0.00
08/11/14	189.62	10.15	0.00	189.56	9.75	0.00	189.86	8.93	0.00	189.84	10.37	0.00
11/11/14	188.39	11.38	0.00	188.31	11.00	0.00	188.89	9.90	0.00	188.66	11.55	0.00
04/14/15	194.52	5.25	0.00	194.44	4.87	0.00	195.11	3.68	0.00	194.92	5.29	0.00
10/19/15	194.10	5.67	0.00	193.89	5.42	0.00	195.15	3.64	0.00	194.26	5.95	0.00

WELL NO.	MW-5			MW-5D			MW-6			MW-8		
DIAMETER (inches)	1.0			2.0			1.0			1.0		
WELL DEPTH (feet)	20			40			20			20		
SCREEN INTVL. (feet)	10			5.0			10			10		
TOC ELEVATION (feet)	197.10			197.22			196.79			198.42		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/21/14	191.92	5.18	0.00	-	-	-	191.32	5.47	0.00	191.75	6.67	0.00
08/11/14	190.62	6.48	0.00	188.39	8.83	0.00	190.09	6.70	0.00	190.19	8.23	0.00
11/11/14	189.75	7.35	0.00	187.23	9.99	0.00	188.92	7.87	0.00	189.10	9.32	0.00
04/14/15	194.73	2.37	0.00	192.45	4.77	0.00	194.91	1.88	0.00	194.12	4.30	0.00
10/19/15	194.62	2.48	0.00	191.71	5.51	0.00	193.80	2.99	0.00	193.85	4.57	0.00

WELL NO.	MW-10			MW-11			MW-12			MW-13		
DIAMETER (inches)	1.0			1.0			1.0			2.0		
WELL DEPTH (feet)	20			20			20			20		
SCREEN INTVL. (feet)	10			10			10			10		
TOC ELEVATION (feet)	200.16			197.00			197.67			197.36		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/21/14	191.65	8.51	0.00	-	-	-	-	-	-	-	-	-
08/11/14	189.95	10.21	0.00	-	-	-	190.41	7.26	0.00	190.53	6.83	0.00
11/11/14	188.78	11.38	0.00	188.91	8.09	0.00	189.49	8.18	0.00	189.61	7.75	0.00
04/14/15	194.96	5.20	0.00	194.52	2.48	0.00	195.35	2.32	0.00	194.94	2.42	0.00
10/19/15	192.90	7.26	0.00	193.89	3.11	0.00	194.42	3.25	0.00	194.71	2.65	0.00

WELL NO.	MW-14			MW-15			MW-1D			MW-1DD		
DIAMETER (inches)	2.0			2.0			2.0			2.0		
WELL DEPTH (feet)	20			20			40			75		
SCREEN INTVL. (feet)	10			10			5			5		
TOC ELEVATION (feet)	200.51			199.19			199.94			199.85		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
07/21/14	-	-	-	-	-	-	-	-	-	-	-	-
08/11/14	-	-	-	-	-	-	-	-	-	-	-	-
11/11/14	188.35	12.16	0.00	188.16	11.03	0.00	187.80	12.14	0.00	161.68	38.17	0.00
04/14/15	194.44	6.07	0.00	194.52	4.67	0.00	193.51	6.43	0.00	166.21	33.64	0.00
10/19/15	193.93	6.58	0.00	194.32	4.87	0.00	192.68	7.26	0.00	164.45	35.40	0.00

Notes:

ft bls = feet below land surface
DTW = Depth to Water
ELE = Elevation
FP = Free Product
All measurements in feet

APPENDIX A

Lowndes County Assessors Office

Recent Sales in Neighborhood Recent Sales in Area		Previous Parcel	Next Parcel	Field Definitions	Return to Main Search Page	Lowndes Home
Owner and Parcel Information						
Owner Name	TRADEMARK METALS RECYCLING LLC		Today's Date	November 3, 2015		
Mailing Address	5401 W KENNEDY BLVD SUITE 400		Parcel Number	0121A 026		
	TAMPA, FL 33609		Tax District	(District 02)		
Location Address	2000 W SAVANNAH AVE		2014 Millage Rate	27.57		
Legal Description	LL 30 LD 11		Acres	SAVANNAH WEST -00584		
Property Class(NOTE: Not Zoning Info)	C5-Commercial		Neighborhood	No (S0)		
			Homestead Exemption	Show Parcel Map		

2015 Tax Year Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$ 713,550	\$ 302,144	\$ 2,802	\$ 1,018,496	\$ 438,517

Land Information

Type	Description	Calculation Method	Acres	Acres	Photo
COM	Ind-West Savannah Ave	Acres	27.57	NA	NA

Improvement Information

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
Office Buildings-3	\$ 100,844	1986		1,630	8	Bearing Wall	Enamel Steel
Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
Asphalt Shingles	015-12	Concrete On Ground	75% Carpet/Vinyl Tile	% No Ceiling 50% 015-11	Standard F.F.	Forced Hot Air	Sketch Building 1 Building Images
			25% Terrazzo				
Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
Storage Warehouse-5	\$ 201,300	1971		20,000	12	Steel	Galvanized Metal
Roof	Interior	Floor	Floor	Ceiling	Lighting	Heating	Sketch

Cover	Walls	Construction	Finish	Finish	Standard F.F.	014-13	Sketch Building 2 Building Images
Slate		Elevated Slab	Terrazzo				

Accessory Information

Description	Year Built	Dimensions/Units	Value
H2 Shed misc	1980	38x36 0	\$ 2,052
C1 Loading rack & shelter	1975	30x50 0	\$ 750

Sale Information

Sale Date	Deed Book / Page	Plat Book / Page	Sale Price	Reason	Grantor	Grantee
10/11/2011	4880 1		\$ 450,000	Fair Market - Improved	RICE IRON & METAL INC	TRADEMARK METALS RECYCLING LLC
00/00/0000	89 600		\$ 0	Non-Market		RICE IRON & METAL INC
<u>Recent Sales in Neighborhood</u>		<u>Previous Parcel</u>	<u>Next Parcel</u>	<u>Field Definitions</u>	<u>Return to Main Search Page</u>	<u>Lowndes Home</u>

The Lowndes Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. Website Updated: October 30, 2015

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APPENDIX B

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta	SITE LOCATION: Valdosta GA
WELL NO: MW-10	SAMPLE ID: FA28653-1 DATE: 10/19/15

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 7.26	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (40 feet - 7.26 feet) X 0.16 gallons/foot = 5.24 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1536	TOTAL VOLUME PURGED (gallons): 5.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1530	5.24	5.24	0.074	7.44	4.59	23.43	99	71.7	2.49	clear	None
1533	0.22	5.46	↓	7.44	4.57	23.43	99	71.9	2.49	11	11
1536	0.22	5.68	↓	7.44	4.56	23.43	99	71.8	2.51	11	11

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darin Myers / TNR (CG)				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 1537		SAMPLING ENDED AT: 1540	
PUMP OR TUBING DEPTH IN WELL (feet): 9				TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y ☒ (N)		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y ☒ (N)				TUBING Y ☒ (N) (replaced)		DUPLICATE: Y ☒ (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
53-1	3	CG	40mL	HCL	-	<2	8260	APP	<40
↓	1	PE	250mL	HNO3	-	<2	6010 AS	APP	<1000

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: MW-1DD	SAMPLE ID: FA 28653-2		DATE: 10/19/15

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	$\frac{1}{4}$	WELL SCREEN INTERVAL DEPTH: 70 feet to 5 feet	STATIC DEPTH TO WATER (feet): 35.40	PURGE PUMP TYPE OR BAILER:	PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (75 \text{ feet} - 35.40 \text{ feet}) \times 0.16 \text{ gallons/foot} = 6.34 \text{ gallons}$							
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$							

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 73	PURGING INITIATED AT: 1440	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>(GF) Darin Myers / Todd Falkner</i>		SAMPLER(S) SIGNATURE(S): <i>L. [Signature] Darin D. Myers</i>		SAMPLING INITIATED AT: <i>1545</i>	SAMPLING ENDED AT: <i>1548</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>75</i>		TUBING MATERIAL CODE: <i>HDPE</i>		FIELD-FILTERED: Y <i>(N)</i>	FILTER SIZE: _____ μ m
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>		TUBING Y <i>(N (replaced))</i>		DUPLICATE: Y <i>(N)</i>	

[illegible]

REMARKS:

Well is going dry daily purging

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally, ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta	SITE LOCATION: 2000 west Savannah Ave Valdosta GA
WELL NO: mw - 1R	SAMPLE ID: FA28653-3 DATE: 10/20/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.67	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20 feet - 5.67 feet) X 0.16 gallons/foot = 2.29 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0851	TOTAL VOLUME PURGED (gallons): 2.75
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0845	2.29	2.29	0.0769	5.92	4.92	24.0	334.6	2.7	3.91	clear	chem
0848	0.23	2.52	↓	5.92	4.91	24.0	334.3	2.5	3.85	"	"
0851	0.23	2.75	↓	5.92	4.90	24.0	333.4	2.4	3.81	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R Todd Baker / Davis Myers CG	SAMPLER(S) SIGNATURE(S): R Todd Baker / Davis Myers	SAMPLING INITIATED AT: 0852	SAMPLING ENDED AT: 0855
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y ☒ NO	FILTER SIZE: _____ μm
FIELD DECONTAMINATION: PUMP Y ☒ NO TUBING Y ☒ NO (replaced)		DUPLICATE: Y ☒ NO	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
53-3	3	CG	40mL	HCL	-	6.2	8260	APP	260
↓	1	PE	250mL	HNO3	-	6.2	6010 AS	APP	1000

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO. MW2R	SAMPLE ID: FA282534		DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): <u>2"</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>10</u> feet to <u>20</u> feet	STATIC DEPTH TO WATER (feet): <u>5.42</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet - feet) X 14.58 ^{0.16} gallons/foot = 2.33 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME									
(only fill out if applicable)									
	=	gallons + (	gallons/foot X	feet) +	gallons =	gallons			

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	71	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	71	PURGING INITIATED AT:	0836	PURGING ENDED AT:	0928	TOTAL VOLUME PURGED (gallons):	2.60
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (GC) Darin Myers / Todd Falkner	SAMPLER(S) SIGNATURE(S): L. Collier / Darin Myers	SAMPLING INITIATED AT: 0929	SAMPLING ENDED AT: 0931
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PUMP OR TUBING DEPTH IN WELL (feet):	7'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:	FILTER SIZE: _____ μm
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FIELD DECONTAMINATION: PUMP Y N ✓ TUBING Y N (replaced) DUPLICATE: Y N

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally, $+ 5$ NTU or $+ 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: mw-14	SAMPLE ID: FA28653-5	DATE: 10/20/15	

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	$\frac{1}{4}$	WELL SCREEN INTERVAL DEPTH:	10 feet to 20 feet	STATIC DEPTH TO WATER (feet):	6.58	PURGE PUMP TYPE OR BAILER:	PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (20 \text{ feet} - 6.58 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.15 \text{ gallons}$									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	8	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	8	PURGING INITIATED AT:	0925	PURGING ENDED AT:	0953	TOTAL VOLUME PURGED (gallons):	2.23

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally, ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta	SITE LOCATION: Valdosta GA
WELL NO: MW-4	SAMPLE ID: F28053-L DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.95	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20 feet - 5.95 feet) X 0.04 gallons/foot = 0.56 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1015	PURGING ENDED AT: 1029	TOTAL VOLUME PURGED (gallons): 0.98

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1023	0.56	0.56	0.07	7.85	6.71	25.5	458.4	9.7	5.50	clear	none
1026	0.21	0.77	↓	7.86	6.71	25.5	452.2	8.0	5.73	"	"
1029	0.21	0.98	↓	7.87	6.71	25.5	449.8	6.7	5.42	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darin Myers / TNR (CG)				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1030		SAMPLING ENDED AT: 1033	
PUMP OR TUBING DEPTH IN WELL (feet): 9				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced)				DUPLICATE: Y (N)						
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
53-L	3	CG	40mL	HCL	-	<2	8260	APP	<40	
↓	1	PE	250mL	HNO3	-	<2	6010 AS	APP	<1000	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta	SITE LOCATION: Valdosta GA
WELL NO: M215	SAMPLE ID: FA28253-7 DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.87	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20 feet - 4.87 feet) X 15.13 gallons/foot = 2.42 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7'	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 2.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1025	2.40	2.40	0.06	5.71	4.80	23.53	37	39.9	2.63	Clear	n
1028	0.18	2.58	0.06	5.71	4.81	23.57	37	40.0	2.87	Clear	n
1031	0.18	2.76	0.06	5.72	4.79	23.65	37	40.1	2.80	Clear	n

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Dash Myers / TDRF/Kline (CG)		SAMPLER(S) SIGNATURE(S): [Signature]		SAMPLING INITIATED AT: 1032	SAMPLING ENDED AT: 1034				
PUMP OR TUBING DEPTH IN WELL (feet): 7'		TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y ☒ N ☐	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP Y ☒ N ☐		TUBING Y ☒ N (replaced) ☐		DUPLICATE: Y ☒ N ☐					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
53-7	3	CG	40mL	HCL	—	<2	8260	APP	<40
53-7	1	PE	250mL	HNO3	—	<2	6010 AS	APP	<1000

REMARKS:

sampled @ 1032

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO. MW10	SAMPLE ID: FA28653-8		DATE: 10/20/15

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 1 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.53	PURGE PUMP TYPE OR BAILER: PP
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EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME										
(only fill out if applicable)										
=	gallons	+	(	gallons/foot	X	feet)	+	gallons	=	gallons

[illegible]

SAMPLED BY (PRINT) / AFFILIATION: <i>(GF)</i> <i>Darin Myers / Todd Feltner</i>		SAMPLER(S) SIGNATURE(S): <i>L. Feltner / D. Myers</i>		SAMPLING INITIATED AT: <i>1112</i>	SAMPLING ENDED AT: <i>1114</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>7'</i>		TUBING MATERIAL CODE: <i>HDPE</i>		FIELD-FILTERED: Y <i>(N)</i> Filtration Equipment Type:	FILTER SIZE: _____ μ m

[illegible]

pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta		SITE LOCATION 2000 W Savannah Ave Valdosta GA	
WELL NO: MW-3	SAMPLE ID: FA28653-9		DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches):	1	TUBING DIAMETER (inches):	4	WELL SCREEN INTERVAL DEPTH:	10 feet to 20 feet	STATIC DEPTH TO WATER (feet):	364	PURGE PUMP TYPE OR BAILER:	18
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
= (20 feet - 3.64 feet) X 0.16 gallons/foot = 0.65 gallons									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)									
= gallons + (gallons/foot X feet) + gallons = gallons									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	11	PURGING INITIATED AT:	1108	PURGING ENDED AT:	1118	TOTAL VOLUME PURGED (gallons):	1.31

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally, ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO. Water Well (spicket)	SAMPLE ID: FA25653-10		DATE: 10/20/15

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Dash Myers / Todd Falkner						(GF)			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1142			SAMPLING ENDED AT: 1145					
PUMP OR TUBING DEPTH IN WELL (feet): na.							TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y N			Filtration Equipment Type:			FILTER SIZE: ____ µm				
FIELD DECONTAMINATION: PUMP Y N									TUBING Y N (replaced)									DUPLICATE: Y N		
SAMPLE CONTAINER SPECIFICATION								SAMPLE PRESERVATION						INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH														
S3-0	3	CG	40ML	HCL	-	<2	8260	APP	<40											
+	1	PE	250ML	HNO3	-	<2	6010 AS	APP	<1000											
REMARKS:																				
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)																				
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)																				

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: MW-5	SAMPLE ID: FA28653-11		DATE: 10/20/15

WELL DIAMETER (inches): 1"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.48	PURGE PUMP TYPE OR BAILER: PP
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EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME									
(only fill out if applicable)									
	=	gallons + (	gallons/foot X	feet) +	gallons =	gallons			

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1309	TOTAL VOLUME PURGED (gallons): 0.96
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: (GF) Darrh Myers / Todd Walker	SAMPLER(S) SIGNATURE(S): [Signature] [Signature]	SAMPLING INITIATED AT: 1310	SAMPLING ENDED AT: 1313
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PUMP OR TUBING DEPTH IN WELL (feet):	5	TUBING MATERIAL CODE:	HDPE	FIELD-FILTERED: Y ☒ N ☐	FILTER SIZE: _____ µm
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FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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[illegible]

REMARKS

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally, $+ 5$ NTU or $+ 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: mw-5D	SAMPLE ID: FA28653-12		DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 100 feet	STATIC DEPTH TO WATER (feet):	5.51	PURGE PUMP TYPE OR BAILER:	PP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (40 \text{ feet} - 5.51 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.52 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5

FINAL PUMP OR TUBING
DEPTH IN WELL (feet): 7.9

PURGING
INITIATED AT 1245

PURGING
ENDED AT: 1336

TOTAL VOLUME
PURGED (gallons): 6.26

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>(GF)</i> <i>Danish Myers / Todd Falkner</i>		SAMPLER(S) SIGNATURE(S): <i>L. [Signature] / Dan D. [Signature]</i>		SAMPLING INITIATED AT: <i>1337</i>	SAMPLING ENDED AT: <i>1339</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>7.5</i>		TUBING MATERIAL CODE: <i>HDPE</i>		FIELD-FILTERED: Y ☒ N	FILTER SIZE: _____ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced)

DUPLICATE: Y ☒ N

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta		SITE LOCATION: Valdosta, GA 2000 W Savannah Ave	
WELL NO: MW-6	SAMPLE ID: FA2865313	DATE: 10/20/15	

PURGING DATA

WELL DIAMETER (inches):	1	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH:	17 feet to 20 feet	STATIC DEPTH TO WATER (feet):	2.99	PURGE PUMP TYPE OR BAILER:	PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
= (20 feet - 17.01 feet) X 0.04 gallons/foot = 0.68 gallons									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)									
= gallons + (gallons/foot X feet) + gallons = gallons									

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15'	PURGING INITIATED AT: 1326	PURGING ENDED AT: 1355	TOTAL VOLUME PURGED (gallons): 0.87
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[illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (GF) Darin Myers / Todd Falkner	SAMPLER(S) SIGNATURE(S): L. Todd / Darin D. Myers	SAMPLING INITIATED AT: 1356	SAMPLING ENDED AT: 1358
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PUMP OR TUBING DEPTH IN WELL (feet):	15'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) FILTER SIZE: ____ μm
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FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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SAMPLE CONTAINER SPECIFICATION	SAMPLE PRESERVATION	INTENDED	SAMPLING	SAMPLE PUMP
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SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	ANALYSIS AND/OR METHOD	EQUIPMENT CODE	FLOW RATE (mL per minute)
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53-13	3	CG	40 mL	HCL	-	<2	8260	APP	<40
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~~1. $\text{Fe} + 250\text{mL HNO}_3 = \text{C}_2 + 600\text{g As} + \text{APP} + \text{C}_{1000}$~~ [illegible][illegible][illegible][illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally, ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta	SITE LOCATION: 2000 W Savannah Ave Valdosta FL
WELL NO: mw-12	SAMPLE ID: PT28653-14
	DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 1/4		WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet		STATIC DEPTH TO WATER (feet): 2.65		PURGE PUMP TYPE OR BAILER: 11			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20 feet - 2.65 feet) X 0.16 gallons/foot = 2.78 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5		PURGING INITIATED AT: 1350		PURGING ENDED AT: 1426		TOTAL VOLUME PURGED (gallons): 3.34			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1420	2.78	2.78	0.09266	3.78	4.74	22.4	113.4	18.1	19.1	slight yellow	None
1423	0.28	3.06	↓	3.78	4.75	22.4	113.1	18.2	19.7	11	11
1426	0.28	3.34		3.78	4.76	22.4	112.8	18.2	19.9	11	11
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

[illegible]

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta	SITE LOCATION: Valdosta GA
WELL NO: MW41	SAMPLE ID: FA28653-15 DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.11	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (20 feet - 3.11 feet) X 0.04 gallons/foot = 0.68 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4'	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1433	TOTAL VOLUME PURGED (gallons): 0.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1427	0.68	0.68	0.04	4.02	4.17	22.44	59	30.0	1.22	Clear	n
1430	0.12	0.80	0.04	4.03	4.16	22.43	60	29.8	0.89	"	n
1433	0.12	0.92	0.04	4.03	4.14	22.45	59	29.8	0.68	"	n

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Dan Myers / TNR (GF)				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1434		SAMPLING ENDED AT: 1436	
PUMP OR TUBING DEPTH IN WELL (feet): 5'				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y ☒ N				TUBING Y ☒ N (replaced)			DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
53-15	3	CG	40mL	HCL	-	<2	8260	APP	<40	DM
	1	PE	250mL	HNO3	-	<2	6010 AS	APP	<1000	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation; optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TNR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: MW-8	SAMPLE ID: FA28653-16		DATE: 10/20/15

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally, $+ 5$ NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: TMR Valdosta		SITE LOCATION: Valdosta GA	
WELL NO: MW-12	SAMPLE ID: FA 28653-17		DATE: 10/20/15

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1 1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>10</u> feet to <u>25</u> feet	STATIC DEPTH TO WATER (feet): <u>3.25</u>	PURGE PUMP TYPE OR BAILER. <u>PP</u>
-------------------------------------	---	---	--	---

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (20 feet - 3.25 feet) X 0.14 gallons/foot = 2.68 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME									
(only fill out if applicable)									
	=	gallons + (	gallons/foot X	feet) +	gallons =	gallons			

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1445	PURGING ENDED AT: 1524	TOTAL VOLUME PURGED (gallons): 3.16
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (6F) Dash Myers / Todd Walker	SAMPLER(S) SIGNATURE(S): [Signature] / [Signature]	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1537
--	---	-----------------------------	-------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <u>N</u>	FILTER SIZE: _____ µm
Filtration Equipment Type:				

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
------------------------	------	---	---	--------	---	--------------	------------	---	---

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DAILY LOG

[illegible]

130101142

5N-722-0811

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL Cl ☒ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A pH 10 lot 140820c exp 3/16 pH 7 lot 1410088 exp 4/16 pH 4 lot 141125B exp 12/15

Standard B and 2764 lot 1408 HC exp 8/16 and 84 lot 5AB719 exp 2/16

Standard C 10NTU 104 C576942 exp 8/16 10NTU 0475822 exp 6/16

DATE (yy/mm/dd)	TIME (hr:min)	STD. (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES NO)	TYPE (INIT, CONT)	SAMPLE INITIALS
15/10/19	1400	DO	D ⁺ 4.0	100.2/100.0		Yes	Init	DM
		PH	10	9.97/10.00				
		PH	7	6.99/7.00				
		PH	4	4.01/7.00				
		Cond	2764	2770/2764				
		Cond	84	85/84				
		turb	10	10.02/10.00				
		turb	0	0/0				
15/10/19	0745	DO	D ⁺ 4.0	100.0		Yes	Cont	DM
		PH	10	9.99				
		PH	7	7.00				
		PH	4	4.01				
		Cond	2764	2766				
		Cond	84	83				
		turb	10	9.98				
		turb	0	0				

Equipment calibrated by R. Todd Falkner of GF, Environmental
Scientist and lead in the field

13D101142

INSTRUMENT #

Lauretta 2020 we

5U-722-0811

☐ ORP☐ OTHER

Standard C 10NTU lot C576942 exp 8/16 6NTU 0475822 exp 6/16

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
15/10/20	1600	D _O	D _T F _{ind}	100.2		Pes	cont / Final	DM
		pH	10	9.97				
		pH	7	6.87				
		pH	4	3.97				
		cond	2764	2762				
		cond	84	82				
		turb	10	9.96				
		turb	0	0				

Equipment calibrated by Dr Todd Fulkner of GF, Environmental Scientist and head in the field

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKER/MODEL#)	<u>YSI ProPlus</u>	INSTRUMENT #	<u>10D101442</u>
PARAMETER: [check only one]	<u>6 month 220mc</u>		<u>5N4034-0214</u>

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL CHL ☒ DO ☐ OTHER _____

Standard A pH 10 lot 140820c exp 3/16 pH 7 lot 1410088 exp 4/16 pH 4 lot 141125B exp 12/15
Standard B Cond 2764 lot 140811c exp 8/16 Cond 84 lot 540719 exp 2/16
Standard C IONIC lot C576942 exp 8/16 IONIC lot 75822 exp 6/16

[illegible]

Equipment Calibrated by ATF

APPENDIX C



11/02/15

Technical Report for

Gannett Fleming

Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
57524

Accutest Job Number: FA28651

Sampling Date: 10/21/15

Report to:

Gannett Fleming
West Lake Corporate Center 9119 Corporate Lake Dr, Suite 150
Tampa, FL 33634-6323
axhoffman@gfnet.com; tfalkner@gfnet.com

ATTN: Todd Falkner

Total number of pages in report: **60**



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Norm Farmer'.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

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Sample Summary

Gannett Fleming

Job No: FA28651

Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
Project No: 57524

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA28651-1	10/21/15	08:25	DMTF 10/23/15	SO	Soil	SB-1 0-2
FA28651-2	10/21/15	08:25	DMTF 10/23/15	SO	Soil	SB-1 2-4
FA28651-3	10/21/15	08:40	DMTF 10/23/15	SO	Soil	SB-2 0-2
FA28651-4	10/21/15	08:40	DMTF 10/23/15	SO	Soil	SB-2 2-4
FA28651-5	10/21/15	09:00	DMTF 10/23/15	SO	Soil	SB-3 0-2
FA28651-6	10/21/15	09:00	DMTF 10/23/15	SO	Soil	SB-3 2-4
FA28651-7	10/21/15	09:20	DMTF 10/23/15	SO	Soil	SB-4 0-2
FA28651-8	10/21/15	09:20	DMTF 10/23/15	SO	Soil	SB-4 2-4
FA28651-9	10/21/15	09:45	DMTF 10/23/15	SO	Soil	SB-5 ~ 3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: FA28651
Account: Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
Collected: 10/21/15

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

FA28651-1 **SB-1 0-2**

No hits reported in this sample.

FA28651-2 **SB-1 2-4**

No hits reported in this sample.

FA28651-3 **SB-2 0-2**

No hits reported in this sample.

FA28651-4 **SB-2 2-4**

No hits reported in this sample.

FA28651-5 **SB-3 0-2**

No hits reported in this sample.

FA28651-6 **SB-3 2-4**

No hits reported in this sample.

FA28651-7 **SB-4 0-2**

No hits reported in this sample.

FA28651-8 **SB-4 2-4**

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-1 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-1	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	98.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073316.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2							

	Initial Weight	Final Volume
Run #1	6.59 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	38	12	ug/kg	
107-02-8	Acrolein	ND	19	10	ug/kg	
107-13-1	Acrylonitrile	ND	19	5.4	ug/kg	
71-43-2	Benzene	ND	3.8	0.77	ug/kg	
108-86-1	Bromobenzene	ND	3.8	0.77	ug/kg	
74-97-5	Bromochloromethane	ND	3.8	0.77	ug/kg	
75-27-4	Bromodichloromethane	ND	3.8	0.77	ug/kg	
75-25-2	Bromoform	ND	3.8	0.77	ug/kg	
78-93-3	2-Butanone (MEK)	ND	19	6.5	ug/kg	
104-51-8	n-Butylbenzene	ND	3.8	0.77	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.8	0.77	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.8	0.77	ug/kg	
75-15-0	Carbon Disulfide	ND	3.8	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.8	0.77	ug/kg	
108-90-7	Chlorobenzene	ND	3.8	0.77	ug/kg	
75-00-3	Chloroethane	ND	3.8	1.5	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	19	7.7	ug/kg	
67-66-3	Chloroform	ND	3.8	0.77	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.8	0.77	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.8	0.77	ug/kg	
124-48-1	Dibromochloromethane	ND	3.8	0.77	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.8	0.77	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.8	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.8	0.77	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.8	0.77	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.8	0.77	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.8	0.77	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.8	0.77	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.8	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.8	0.77	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.8	0.77	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-1	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	98.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.8	0.77	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.8	0.77	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.8	0.85	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.8	0.77	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.8	0.77	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.8	0.77	ug/kg	
100-41-4	Ethylbenzene	ND	3.8	0.77	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.8	1.1	ug/kg	
591-78-6	2-Hexanone	ND	19	6.3	ug/kg	
98-82-8	Isopropylbenzene	ND	3.8	0.77	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.8	0.77	ug/kg	
74-83-9	Methyl Bromide	ND	3.8	1.7	ug/kg	
74-87-3	Methyl Chloride	ND	3.8	1.5	ug/kg	
74-95-3	Methylene Bromide	ND	3.8	0.77	ug/kg	
75-09-2	Methylene Chloride	ND	7.7	3.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	19	4.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.8	0.92	ug/kg	
91-20-3	Naphthalene	ND	3.8	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	3.8	0.77	ug/kg	
100-42-5	Styrene	ND	3.8	0.77	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.8	0.77	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.8	0.85	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.8	1.3	ug/kg	
108-88-3	Toluene	ND	3.8	0.77	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.8	0.77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.8	0.77	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.8	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.8	0.97	ug/kg	
79-01-6	Trichloroethylene	ND	3.8	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.8	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.8	1.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.8	0.77	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.8	0.77	ug/kg	
108-05-4	Vinyl Acetate	ND	19	9.1	ug/kg	
75-01-4	Vinyl Chloride	ND	3.8	1.2	ug/kg	
	m,p-Xylene	ND	7.7	0.82	ug/kg	
95-47-6	o-Xylene	ND	3.8	0.77	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-1	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	98.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-124%
17060-07-0	1,2-Dichloroethane-D4	102%		72-135%
2037-26-5	Toluene-D8	104%		75-126%
460-00-4	4-Bromofluorobenzene	114%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-1	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	98.9
Method:	SW846 8082A SW846 3546		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST136291.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	16	6.5	ug/kg	
11104-28-2	Aroclor 1221	ND	16	8.2	ug/kg	
11141-16-5	Aroclor 1232	ND	16	8.2	ug/kg	
53469-21-9	Aroclor 1242	ND	16	6.5	ug/kg	
12672-29-6	Aroclor 1248	ND	16	6.5	ug/kg	
11097-69-1	Aroclor 1254	ND	16	6.5	ug/kg	
11096-82-5	Aroclor 1260	ND	16	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		44-126%
2051-24-3	Decachlorobiphenyl	94%		41-145%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-2	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073317.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2							

	Initial Weight	Final Volume
Run #1	8.32 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	32	9.5	ug/kg	
107-02-8	Acrolein	ND	16	8.5	ug/kg	
107-13-1	Acrylonitrile	ND	16	4.4	ug/kg	
71-43-2	Benzene	ND	3.2	0.63	ug/kg	
108-86-1	Bromobenzene	ND	3.2	0.63	ug/kg	
74-97-5	Bromochloromethane	ND	3.2	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	3.2	0.63	ug/kg	
75-25-2	Bromoform	ND	3.2	0.63	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	5.4	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	0.63	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	0.63	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	0.63	ug/kg	
75-15-0	Carbon Disulfide	ND	3.2	0.93	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.2	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	3.2	0.63	ug/kg	
75-00-3	Chloroethane	ND	3.2	1.3	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	16	6.3	ug/kg	
67-66-3	Chloroform	ND	3.2	0.63	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.2	0.63	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.2	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	3.2	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	0.88	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.2	0.63	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.2	0.86	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.2	0.63	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.2	0.63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.2	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.2	0.63	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.2	0.63	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.2	0.83	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.2	0.63	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.2	0.63	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-2	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.2	0.63	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.2	0.63	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.2	0.70	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.2	0.63	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.2	0.63	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.2	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	3.2	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.2	0.86	ug/kg	
591-78-6	2-Hexanone	ND	16	5.1	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	0.63	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	0.63	ug/kg	
74-83-9	Methyl Bromide	ND	3.2	1.4	ug/kg	
74-87-3	Methyl Chloride	ND	3.2	1.3	ug/kg	
74-95-3	Methylene Bromide	ND	3.2	0.63	ug/kg	
75-09-2	Methylene Chloride	ND	6.3	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	16	3.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.2	0.76	ug/kg	
91-20-3	Naphthalene	ND	3.2	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	0.63	ug/kg	
100-42-5	Styrene	ND	3.2	0.63	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.2	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.2	0.70	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.2	1.0	ug/kg	
108-88-3	Toluene	ND	3.2	0.63	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.2	0.63	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	0.63	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.2	0.83	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.2	0.80	ug/kg	
79-01-6	Trichloroethylene	ND	3.2	0.63	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.2	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.2	0.86	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.2	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.2	0.63	ug/kg	
108-05-4	Vinyl Acetate	ND	16	7.5	ug/kg	
75-01-4	Vinyl Chloride	ND	3.2	1.0	ug/kg	
	m,p-Xylene	ND	6.3	0.68	ug/kg	
95-47-6	o-Xylene	ND	3.2	0.63	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-2	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-124%
17060-07-0	1,2-Dichloroethane-D4	100%		72-135%
2037-26-5	Toluene-D8	107%		75-126%
460-00-4	4-Bromofluorobenzene	115%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-3	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073318.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2							

	Initial Weight	Final Volume
Run #1	7.22 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	37	11	ug/kg	
107-02-8	Acrolein	ND	18	9.9	ug/kg	
107-13-1	Acrylonitrile	ND	18	5.2	ug/kg	
71-43-2	Benzene	ND	3.7	0.74	ug/kg	
108-86-1	Bromobenzene	ND	3.7	0.74	ug/kg	
74-97-5	Bromochloromethane	ND	3.7	0.74	ug/kg	
75-27-4	Bromodichloromethane	ND	3.7	0.74	ug/kg	
75-25-2	Bromoform	ND	3.7	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	18	6.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.74	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.74	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.74	ug/kg	
75-15-0	Carbon Disulfide	ND	3.7	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.7	0.74	ug/kg	
108-90-7	Chlorobenzene	ND	3.7	0.74	ug/kg	
75-00-3	Chloroethane	ND	3.7	1.5	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	18	7.4	ug/kg	
67-66-3	Chloroform	ND	3.7	0.74	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.7	0.74	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.7	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	3.7	0.74	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.7	0.74	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.7	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.7	0.74	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.7	0.74	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.7	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.7	0.74	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.7	0.74	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.7	0.97	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.7	0.74	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.7	0.74	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-3	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.7	0.74	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.7	0.74	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	0.82	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	0.74	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	0.74	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	0.74	ug/kg	
100-41-4	Ethylbenzene	ND	3.7	0.74	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.7	1.0	ug/kg	
591-78-6	2-Hexanone	ND	18	6.0	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.74	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.74	ug/kg	
74-83-9	Methyl Bromide	ND	3.7	1.6	ug/kg	
74-87-3	Methyl Chloride	ND	3.7	1.5	ug/kg	
74-95-3	Methylene Bromide	ND	3.7	0.74	ug/kg	
75-09-2	Methylene Chloride	ND	7.4	3.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	18	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.7	0.89	ug/kg	
91-20-3	Naphthalene	ND	3.7	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	0.74	ug/kg	
100-42-5	Styrene	ND	3.7	0.74	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	0.74	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	0.82	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.7	1.2	ug/kg	
108-88-3	Toluene	ND	3.7	0.74	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	0.74	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.74	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.7	0.97	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.7	0.93	ug/kg	
79-01-6	Trichloroethylene	ND	3.7	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.7	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.7	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	0.74	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	0.74	ug/kg	
108-05-4	Vinyl Acetate	ND	18	8.8	ug/kg	
75-01-4	Vinyl Chloride	ND	3.7	1.2	ug/kg	
	m,p-Xylene	ND	7.4	0.79	ug/kg	
95-47-6	o-Xylene	ND	3.7	0.74	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-3	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-124%
17060-07-0	1,2-Dichloroethane-D4	102%		72-135%
2037-26-5	Toluene-D8	109%		75-126%
460-00-4	4-Bromofluorobenzene	112%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-3	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	93.8
Method:	SW846 8082A SW846 3546		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST136292.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.1	ug/kg	
11104-28-2	Aroclor 1221	ND	18	8.8	ug/kg	
11141-16-5	Aroclor 1232	ND	18	8.8	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.1	ug/kg	
12672-29-6	Aroclor 1248	ND	18	7.1	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.1	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		44-126%
2051-24-3	Decachlorobiphenyl	94%		41-145%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-4	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073319.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2							

	Initial Weight	Final Volume
Run #1	8.29 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	33	10	ug/kg	
107-02-8	Acrolein	ND	17	9.0	ug/kg	
107-13-1	Acrylonitrile	ND	17	4.7	ug/kg	
71-43-2	Benzene	ND	3.3	0.67	ug/kg	
108-86-1	Bromobenzene	ND	3.3	0.67	ug/kg	
74-97-5	Bromochloromethane	ND	3.3	0.67	ug/kg	
75-27-4	Bromodichloromethane	ND	3.3	0.67	ug/kg	
75-25-2	Bromoform	ND	3.3	0.67	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	5.7	ug/kg	
104-51-8	n-Butylbenzene	ND	3.3	0.67	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.3	0.67	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.3	0.67	ug/kg	
75-15-0	Carbon Disulfide	ND	3.3	0.98	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.3	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	3.3	0.67	ug/kg	
75-00-3	Chloroethane	ND	3.3	1.3	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	17	6.7	ug/kg	
67-66-3	Chloroform	ND	3.3	0.67	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.3	0.67	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.3	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	3.3	0.67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	0.94	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.3	0.67	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.3	0.92	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.67	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.67	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.3	0.67	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.3	0.67	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.3	0.88	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.3	0.67	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.3	0.67	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-4	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.3	0.67	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.3	0.67	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.3	0.74	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.3	0.67	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	0.67	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	0.67	ug/kg	
100-41-4	Ethylbenzene	ND	3.3	0.67	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.3	0.92	ug/kg	
591-78-6	2-Hexanone	ND	17	5.5	ug/kg	
98-82-8	Isopropylbenzene	ND	3.3	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.3	0.67	ug/kg	
74-83-9	Methyl Bromide	ND	3.3	1.5	ug/kg	
74-87-3	Methyl Chloride	ND	3.3	1.3	ug/kg	
74-95-3	Methylene Bromide	ND	3.3	0.67	ug/kg	
75-09-2	Methylene Chloride	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	17	3.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.3	0.80	ug/kg	
91-20-3	Naphthalene	ND	3.3	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	3.3	0.67	ug/kg	
100-42-5	Styrene	ND	3.3	0.67	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.3	0.67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	0.74	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.3	1.1	ug/kg	
108-88-3	Toluene	ND	3.3	0.67	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	0.67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.67	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.3	0.88	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.3	0.84	ug/kg	
79-01-6	Trichloroethylene	ND	3.3	0.67	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.3	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.3	0.92	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	0.67	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	0.67	ug/kg	
108-05-4	Vinyl Acetate	ND	17	8.0	ug/kg	
75-01-4	Vinyl Chloride	ND	3.3	1.1	ug/kg	
	m,p-Xylene	ND	6.7	0.72	ug/kg	
95-47-6	o-Xylene	ND	3.3	0.67	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-4	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-124%
17060-07-0	1,2-Dichloroethane-D4	103%		72-135%
2037-26-5	Toluene-D8	109%		75-126%
460-00-4	4-Bromofluorobenzene	110%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-5	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073322.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2							

	Initial Weight	Final Volume
Run #1	6.69 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	42	13	ug/kg	
107-02-8	Acrolein	ND	21	11	ug/kg	
107-13-1	Acrylonitrile	ND	21	5.9	ug/kg	
71-43-2	Benzene	ND	4.2	0.84	ug/kg	
108-86-1	Bromobenzene	ND	4.2	0.84	ug/kg	
74-97-5	Bromochloromethane	ND	4.2	0.84	ug/kg	
75-27-4	Bromodichloromethane	ND	4.2	0.84	ug/kg	
75-25-2	Bromoform	ND	4.2	0.84	ug/kg	
78-93-3	2-Butanone (MEK)	ND	21	7.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.84	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.84	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.84	ug/kg	
75-15-0	Carbon Disulfide	ND	4.2	1.2	ug/kg	
56-23-5	Carbon Tetrachloride	ND	4.2	0.84	ug/kg	
108-90-7	Chlorobenzene	ND	4.2	0.84	ug/kg	
75-00-3	Chloroethane	ND	4.2	1.7	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	21	8.4	ug/kg	
67-66-3	Chloroform	ND	4.2	0.84	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.2	0.84	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.2	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	4.2	0.84	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.2	0.84	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.2	1.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.2	0.84	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.2	0.84	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.2	0.84	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.2	0.84	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.2	0.84	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.2	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.2	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.2	0.84	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-5	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	4.2	0.84	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.2	0.84	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.2	0.93	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.2	0.84	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.2	0.84	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.2	0.84	ug/kg	
100-41-4	Ethylbenzene	ND	4.2	0.84	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.2	1.2	ug/kg	
591-78-6	2-Hexanone	ND	21	6.9	ug/kg	
98-82-8	Isopropylbenzene	ND	4.2	0.84	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.2	0.84	ug/kg	
74-83-9	Methyl Bromide	ND	4.2	1.8	ug/kg	
74-87-3	Methyl Chloride	ND	4.2	1.7	ug/kg	
74-95-3	Methylene Bromide	ND	4.2	0.84	ug/kg	
75-09-2	Methylene Chloride	ND	8.4	3.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	21	4.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.2	1.0	ug/kg	
91-20-3	Naphthalene	ND	4.2	1.7	ug/kg	
103-65-1	n-Propylbenzene	ND	4.2	0.84	ug/kg	
100-42-5	Styrene	ND	4.2	0.84	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.2	0.93	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.2	1.4	ug/kg	
108-88-3	Toluene	ND	4.2	0.84	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.2	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.2	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	4.2	0.84	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.2	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.2	1.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.2	0.84	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.2	0.84	ug/kg	
108-05-4	Vinyl Acetate	ND	21	10	ug/kg	
75-01-4	Vinyl Chloride	ND	4.2	1.4	ug/kg	
	m,p-Xylene	ND	8.4	0.90	ug/kg	
95-47-6	o-Xylene	ND	4.2	0.84	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-5	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-124%
17060-07-0	1,2-Dichloroethane-D4	102%		72-135%
2037-26-5	Toluene-D8	111%		75-126%
460-00-4	4-Bromofluorobenzene	108%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-5	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	88.9
Method:	SW846 8082A SW846 3546		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST136293.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	7.5	ug/kg	
11104-28-2	Aroclor 1221	ND	19	9.4	ug/kg	
11141-16-5	Aroclor 1232	ND	19	9.4	ug/kg	
53469-21-9	Aroclor 1242	ND	19	7.5	ug/kg	
12672-29-6	Aroclor 1248	ND	19	7.5	ug/kg	
11097-69-1	Aroclor 1254	ND	19	7.5	ug/kg	
11096-82-5	Aroclor 1260	ND	19	7.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		44-126%
2051-24-3	Decachlorobiphenyl	95%		41-145%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-6	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	91.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073323.D	1	10/24/15	AD	n/a	n/a	VF2509
Run #2 ^a	F0073352.D	1	10/26/15	EP	n/a	n/a	VF2510
Run #3 ^a	F0073368.D	1	10/27/15	EP	n/a	n/a	VF2511

	Initial Weight	Final Volume
Run #1	7.97 g	5.0 ml
Run #2	7.76 g	5.0 ml
Run #3	4.91 g	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	34	10	ug/kg	
107-02-8	Acrolein	ND	17	9.2	ug/kg	
107-13-1	Acrylonitrile	ND	17	4.8	ug/kg	
71-43-2	Benzene	ND	3.4	0.68	ug/kg	
108-86-1	Bromobenzene	ND	3.4	0.68	ug/kg	
74-97-5	Bromochloromethane	ND	3.4	0.68	ug/kg	
75-27-4	Bromodichloromethane	ND	3.4	0.68	ug/kg	
75-25-2	Bromoform	ND	3.4	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	3.4	0.68	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.4	0.68	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.4	0.68	ug/kg	
75-15-0	Carbon Disulfide	ND	3.4	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.4	0.68	ug/kg	
108-90-7	Chlorobenzene	ND	3.4	0.68	ug/kg	
75-00-3	Chloroethane	ND	3.4	1.4	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	17	6.8	ug/kg	
67-66-3	Chloroform	ND	3.4	0.68	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.4	0.68	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.4	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	3.4	0.68	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	0.96	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.4	0.68	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.4	0.94	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.4	0.68	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.4	0.68	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.4	0.68	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.4	0.68	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.4	0.90	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-6	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	91.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	3.4	0.68	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.4	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.4	0.68	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.4	0.68	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.4	0.76	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.4	0.68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.4	0.68	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	0.68	ug/kg	
100-41-4	Ethylbenzene	ND	3.4	0.68	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.4	0.94	ug/kg	
591-78-6	2-Hexanone	ND	17	5.6	ug/kg	
98-82-8	Isopropylbenzene	ND	3.4	0.68	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.4	0.68	ug/kg	
74-83-9	Methyl Bromide	ND	3.4	1.5	ug/kg	
74-87-3	Methyl Chloride	ND	3.4	1.4	ug/kg	
74-95-3	Methylene Bromide	ND	3.4	0.68	ug/kg	
75-09-2	Methylene Chloride	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	17	3.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.4	0.82	ug/kg	
91-20-3	Naphthalene	ND	3.4	1.4	ug/kg	
103-65-1	n-Propylbenzene	ND	3.4	0.68	ug/kg	
100-42-5	Styrene	ND	3.4	0.68	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.4	0.68	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.4	0.76	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.4	1.1	ug/kg	
108-88-3	Toluene	ND	3.4	0.68	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	0.68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	0.68	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.4	0.90	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.4	0.86	ug/kg	
79-01-6	Trichloroethylene	ND	3.4	0.68	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.4	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.4	0.94	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	0.68	ug/kg	
108-05-4	Vinyl Acetate	ND	17	8.1	ug/kg	
75-01-4	Vinyl Chloride	ND	3.4	1.1	ug/kg	
	m,p-Xylene	ND	6.8	0.73	ug/kg	
95-47-6	o-Xylene	ND	3.4	0.68	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-6	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	91.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	102%	108%	101%	75-124%
17060-07-0	1,2-Dichloroethane-D4	106%	115%	105%	72-135%
2037-26-5	Toluene-D8	110%	102%	107%	75-126%
460-00-4	4-Bromofluorobenzene	100%	97%	108%	71-133%

(a) Confirmation run for internal standard areas.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-7	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073353.D	1	10/26/15	EP	n/a	n/a	VF2510
Run #2							

	Initial Weight	Final Volume
Run #1	7.37 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	36	11	ug/kg	
107-02-8	Acrolein	ND	18	9.5	ug/kg	
107-13-1	Acrylonitrile	ND	18	5.0	ug/kg	
71-43-2	Benzene	ND	3.6	0.71	ug/kg	
108-86-1	Bromobenzene	ND	3.6	0.71	ug/kg	
74-97-5	Bromochloromethane	ND	3.6	0.71	ug/kg	
75-27-4	Bromodichloromethane	ND	3.6	0.71	ug/kg	
75-25-2	Bromoform	ND	3.6	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	18	6.0	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	0.71	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	0.71	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	0.71	ug/kg	
75-15-0	Carbon Disulfide	ND	3.6	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.6	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	3.6	0.71	ug/kg	
75-00-3	Chloroethane	ND	3.6	1.4	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	18	7.1	ug/kg	
67-66-3	Chloroform	ND	3.6	0.71	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.6	0.71	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.6	0.71	ug/kg	
124-48-1	Dibromochloromethane	ND	3.6	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.6	0.71	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.6	0.98	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.6	0.71	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.6	0.71	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.6	0.71	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.6	0.71	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.6	0.94	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.6	0.71	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.6	0.71	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-7	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.6	0.71	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.6	0.71	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.6	0.79	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.6	0.71	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.6	0.71	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.6	0.71	ug/kg	
100-41-4	Ethylbenzene	ND	3.6	0.71	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.6	0.98	ug/kg	
591-78-6	2-Hexanone	ND	18	5.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.6	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.6	0.71	ug/kg	
74-83-9	Methyl Bromide	ND	3.6	1.5	ug/kg	
74-87-3	Methyl Chloride	ND	3.6	1.4	ug/kg	
74-95-3	Methylene Bromide	ND	3.6	0.71	ug/kg	
75-09-2	Methylene Chloride	ND	7.1	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	18	3.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.6	0.86	ug/kg	
91-20-3	Naphthalene	ND	3.6	1.4	ug/kg	
103-65-1	n-Propylbenzene	ND	3.6	0.71	ug/kg	
100-42-5	Styrene	ND	3.6	0.71	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.6	0.71	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.6	0.79	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.6	1.2	ug/kg	
108-88-3	Toluene	ND	3.6	0.71	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.6	0.71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.6	0.71	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.6	0.93	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.6	0.90	ug/kg	
79-01-6	Trichloroethylene	ND	3.6	0.71	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.6	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.6	0.98	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	0.71	ug/kg	
108-05-4	Vinyl Acetate	ND	18	8.5	ug/kg	
75-01-4	Vinyl Chloride	ND	3.6	1.1	ug/kg	
	m,p-Xylene	ND	7.1	0.76	ug/kg	
95-47-6	o-Xylene	ND	3.6	0.71	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-7	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-124%
17060-07-0	1,2-Dichloroethane-D4	106%		72-135%
2037-26-5	Toluene-D8	107%		75-126%
460-00-4	4-Bromofluorobenzene	107%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-7	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8082A SW846 3546		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST136288.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
Run #2							

	Initial Weight	Final Volume
Run #1	14.8 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.1	ug/kg	
11104-28-2	Aroclor 1221	ND	18	8.9	ug/kg	
11141-16-5	Aroclor 1232	ND	18	8.9	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.1	ug/kg	
12672-29-6	Aroclor 1248	ND	18	7.1	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.1	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		44-126%
2051-24-3	Decachlorobiphenyl	93%		41-145%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-8	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0073354.D	1	10/26/15	EP	n/a	n/a	VF2510
Run #2							

	Initial Weight	Final Volume
Run #1	7.54 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	37	11	ug/kg	
107-02-8	Acrolein	ND	18	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	18	5.1	ug/kg	
71-43-2	Benzene	ND	3.7	0.73	ug/kg	
108-86-1	Bromobenzene	ND	3.7	0.73	ug/kg	
74-97-5	Bromochloromethane	ND	3.7	0.73	ug/kg	
75-27-4	Bromodichloromethane	ND	3.7	0.73	ug/kg	
75-25-2	Bromoform	ND	3.7	0.73	ug/kg	
78-93-3	2-Butanone (MEK)	ND	18	6.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.73	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.73	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.73	ug/kg	
75-15-0	Carbon Disulfide	ND	3.7	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	3.7	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	3.7	0.73	ug/kg	
75-00-3	Chloroethane	ND	3.7	1.5	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	18	7.3	ug/kg	
67-66-3	Chloroform	ND	3.7	0.73	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.7	0.73	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.7	0.73	ug/kg	
124-48-1	Dibromochloromethane	ND	3.7	0.73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.7	0.73	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.7	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.7	0.73	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.7	0.73	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.7	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.7	0.73	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.7	0.73	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.7	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.7	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.7	0.73	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-8	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	3.7	0.73	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.7	0.73	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	0.81	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	0.73	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	0.73	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	0.73	ug/kg	
100-41-4	Ethylbenzene	ND	3.7	0.73	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.7	1.0	ug/kg	
591-78-6	2-Hexanone	ND	18	6.0	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.73	ug/kg	
74-83-9	Methyl Bromide	ND	3.7	1.6	ug/kg	
74-87-3	Methyl Chloride	ND	3.7	1.5	ug/kg	
74-95-3	Methylene Bromide	ND	3.7	0.73	ug/kg	
75-09-2	Methylene Chloride	ND	7.3	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	18	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.7	0.88	ug/kg	
91-20-3	Naphthalene	ND	3.7	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	0.73	ug/kg	
100-42-5	Styrene	ND	3.7	0.73	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	0.73	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	0.81	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.7	1.2	ug/kg	
108-88-3	Toluene	ND	3.7	0.73	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	0.73	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.73	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.7	0.96	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.7	0.92	ug/kg	
79-01-6	Trichloroethylene	ND	3.7	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.7	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.7	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	0.73	ug/kg	
108-05-4	Vinyl Acetate	ND	18	8.7	ug/kg	
75-01-4	Vinyl Chloride	ND	3.7	1.2	ug/kg	
	m,p-Xylene	ND	7.3	0.78	ug/kg	
95-47-6	o-Xylene	ND	3.7	0.73	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 2-4	Date Sampled:	10/21/15
Lab Sample ID:	FA28651-8	Date Received:	10/23/15
Matrix:	SO - Soil	Percent Solids:	90.8
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-124%
17060-07-0	1,2-Dichloroethane-D4	105%		72-135%
2037-26-5	Toluene-D8	105%		75-126%
460-00-4	4-Bromofluorobenzene	104%		71-133%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest Laboratories Southeast

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

Accutest JOB # 1A20031 PAGE 1 OF 1

FA 2865

Accutest Quote #	SKIFF#
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[illegible]

FA28651: Chain of Custody

Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA 28651 CLIENT: BARNETT FLEMING PROJECT: TH R
 DATE/TIME RECEIVED: 10-23-15 08:00 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: _____

COOLER INFORMATION

- ☐ CUSTODY SEAL NOT PRESENT OR NOT INTACT
- ☐ CHAIN OF CUSTODY NOT RECEIVED (COC)
- ☐ ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- ☐ SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- ☐ TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- ☐ TRIP BLANK PROVIDED
- ☒ TRIP BLANK NOT PROVIDED
- ☒ TRIP BLANK NOT ON COC
- ☐ TRIP BLANK INTACT
- ☐ TRIP BLANK NOT INTACT
- ☐ RECEIVED WATER TRIP BLANK
- ☐ RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

pH PAPER LOT#s WDI/HCI131225

NARROW RANGE _____ AO36133 _____ OTHER (specify) _____ 405-230010

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- ☐ IR THERM ID _____ CORR. FACTOR -0.4
- ☐ OBSERVED TEMPS: 3.8
- ☐ CORRECTED TEMPS: 3.4

SAMPLE INFORMATION

- ☐ INCORRECT NUMBER OF CONTAINERS USED
- ☐ SAMPLE RECEIVED IMPROPERLY PRESERVED
- ☐ INSUFFICIENT VOLUME FOR ANALYSIS
- ☐ DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ☐ ID'S ON COC DO NOT MATCH LABEL
- ☐ VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- ☐ BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- ☐ NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- ☐ UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- ☐ SAMPLE CONTAINER(S) RECEIVED BROKEN
- ☐ 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- ☐ BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- ☐ % SOLIDS JAR NOT RECEIVED
- ☐ RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 10-23-15 REVIEWER SIGNATURE/DATE [Signature] 10/23/15

NF 10/14

YELLOW SHEET110514.xls

FA28651: Chain of Custody

Page 2 of 3

Job Change

FA28651

Requested Date:	10/26/2015	Received Date:	10/23/2015
Account Name:	Gannett Fleming	Due Date:	10/30/2015
Project	Trademark Metals Recycling; 2000 W Savannah,	Deliverable:	COMMB
CSR:	andreae	TAT (Days):	4

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Sample #: FA28651-2,4,6,8**Change:**

Please put these samples on hold for PCBs.

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Sample #: FA28651-9**Change:**

Please subcontract for PCB congeners-WHO list of 12 and dioxin/furan 1613.

SB-5 ~3

Above Changes Per: Tony Hoffman**Date/Time:** 10/26/2015 10:24:44 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

FA28651: Chain of Custody**Page 3 of 3**

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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

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Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-MB	F0073314.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	27.0	50	15	ug/kg	J
107-02-8	Acrolein	ND	25	13	ug/kg	
107-13-1	Acrylonitrile	ND	25	7.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	25	8.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.0	ug/kg	
75-15-0	Carbon Disulfide	ND	5.0	1.5	ug/kg	
56-23-5	Carbon Tetrachloride	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	25	10	ug/kg	
67-66-3	Chloroform	ND	5.0	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.4	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/kg	

Method Blank Summary

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Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-MB	F0073314.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	ug/kg	
591-78-6	2-Hexanone	ND	25	8.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.0	ug/kg	
74-83-9	Methyl Bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	2.0	ug/kg	
74-95-3	Methylene Bromide	ND	5.0	1.0	ug/kg	
75-09-2	Methylene Chloride	27.9	10	4.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	5.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.2	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.6	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
75-01-4	Vinyl Chloride	ND	5.0	1.6	ug/kg	
	m,p-Xylene	ND	10	1.1	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

Method Blank Summary

Job Number: FA28651
Account: GFLEMFLT Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-MB	F0073314.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples: Method: SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	104% 75-124%
17060-07-0	1,2-Dichloroethane-D4	101% 72-135%
2037-26-5	Toluene-D8	108% 75-126%
460-00-4	4-Bromofluorobenzene	107% 71-133%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile ^a		0	ug/kg	

(a) No TICs detected.

Method Blank Summary

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Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-MB	F0073347.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	15	ug/kg	
107-02-8	Acrolein	ND	25	13	ug/kg	
107-13-1	Acrylonitrile	ND	25	7.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	25	8.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.0	ug/kg	
75-15-0	Carbon Disulfide	ND	5.0	1.5	ug/kg	
56-23-5	Carbon Tetrachloride	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
110-75-8	2-Chloroethyl Vinyl Ether	ND	25	10	ug/kg	
67-66-3	Chloroform	ND	5.0	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.4	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/kg	

Method Blank Summary

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Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-MB	F0073347.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	ug/kg	
591-78-6	2-Hexanone	ND	25	8.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.0	ug/kg	
74-83-9	Methyl Bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	2.0	ug/kg	
74-95-3	Methylene Bromide	ND	5.0	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	10	4.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	5.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.2	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.6	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
75-01-4	Vinyl Chloride	ND	5.0	1.6	ug/kg	
	m,p-Xylene	ND	10	1.1	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

Method Blank Summary

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Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-MB	F0073347.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-7, FA28651-8

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 75-124%
17060-07-0	1,2-Dichloroethane-D4	104% 72-135%
2037-26-5	Toluene-D8	106% 75-126%
460-00-4	4-Bromofluorobenzene	111% 71-133%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile ^a		0	ug/kg	

(a) No TICs detected.

Blank Spike Summary

Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-BS	F0073313.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	246	98	61-152
107-02-8	Acrolein	250	209	84	48-178
107-13-1	Acrylonitrile	250	250	100	66-134
71-43-2	Benzene	50	52.3	105	76-126
108-86-1	Bromobenzene	50	52.2	104	76-122
74-97-5	Bromochloromethane	50	54.9	110	77-120
75-27-4	Bromodichloromethane	50	56.1	112	74-130
75-25-2	Bromoform	50	56.7	113	76-127
78-93-3	2-Butanone (MEK)	250	243	97	75-137
104-51-8	n-Butylbenzene	50	52.8	106	71-128
135-98-8	sec-Butylbenzene	50	52.8	106	79-135
98-06-6	tert-Butylbenzene	50	51.2	102	77-133
75-15-0	Carbon Disulfide	50	53.0	106	72-122
56-23-5	Carbon Tetrachloride	50	51.9	104	78-133
108-90-7	Chlorobenzene	50	53.9	108	81-129
75-00-3	Chloroethane	50	53.7	107	68-133
110-75-8	2-Chloroethyl Vinyl Ether	250	253	101	45-159
67-66-3	Chloroform	50	53.3	107	72-123
95-49-8	o-Chlorotoluene	50	51.6	103	77-129
106-43-4	p-Chlorotoluene	50	53.1	106	80-134
124-48-1	Dibromochloromethane	50	56.9	114	76-127
96-12-8	1,2-Dibromo-3-chloropropane	50	47.3	95	70-137
106-93-4	1,2-Dibromoethane	50	55.1	110	77-126
75-71-8	Dichlorodifluoromethane	50	51.1	102	68-168
95-50-1	1,2-Dichlorobenzene	50	53.7	107	80-129
541-73-1	1,3-Dichlorobenzene	50	54.6	109	81-129
106-46-7	1,4-Dichlorobenzene	50	54.6	109	76-130
75-34-3	1,1-Dichloroethane	50	51.1	102	73-125
107-06-2	1,2-Dichloroethane	50	55.1	110	74-128
75-35-4	1,1-Dichloroethylene	50	54.3	109	81-136
156-59-2	cis-1,2-Dichloroethylene	50	52.9	106	74-126
156-60-5	trans-1,2-Dichloroethylene	50	54.1	108	70-127
78-87-5	1,2-Dichloropropane	50	50.0	100	74-125
142-28-9	1,3-Dichloropropane	50	50.7	101	76-122
594-20-7	2,2-Dichloropropane	50	54.2	108	77-133
563-58-6	1,1-Dichloropropene	50	54.1	108	75-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-BS	F0073313.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	54.4	109	80-123
10061-02-6	trans-1,3-Dichloropropene	50	57.3	115	75-131
100-41-4	Ethylbenzene	50	54.0	108	77-123
87-68-3	Hexachlorobutadiene	50	49.8	100	74-136
591-78-6	2-Hexanone	250	247	99	72-133
98-82-8	Isopropylbenzene	50	54.4	109	80-136
99-87-6	p-Isopropyltoluene	50	53.5	107	77-131
74-83-9	Methyl Bromide	50	40.0	80	65-139
74-87-3	Methyl Chloride	50	46.1	92	71-144
74-95-3	Methylene Bromide	50	55.3	111	74-124
75-09-2	Methylene Chloride	50	57.9	116	74-137
108-10-1	4-Methyl-2-pentanone (MIBK)	250	241	96	76-132
1634-04-4	Methyl Tert Butyl Ether	50	55.3	111	77-120
91-20-3	Naphthalene	50	57.5	115	79-129
103-65-1	n-Propylbenzene	50	53.6	107	80-135
100-42-5	Styrene	50	52.7	105	78-125
630-20-6	1,1,1,2-Tetrachloroethane	50	55.8	112	78-126
79-34-5	1,1,2,2-Tetrachloroethane	50	49.5	99	71-126
127-18-4	Tetrachloroethylene	50	55.8	112	79-130
108-88-3	Toluene	50	51.7	103	76-124
87-61-6	1,2,3-Trichlorobenzene	50	52.8	106	77-128
120-82-1	1,2,4-Trichlorobenzene	50	56.7	113	78-130
71-55-6	1,1,1-Trichloroethane	50	53.0	106	70-129
79-00-5	1,1,2-Trichloroethane	50	53.7	107	74-124
79-01-6	Trichloroethylene	50	54.6	109	75-128
75-69-4	Trichlorofluoromethane	50	60.7	121	73-145
96-18-4	1,2,3-Trichloropropane	50	55.3	111	74-127
95-63-6	1,2,4-Trimethylbenzene	50	49.9	100	74-123
108-67-8	1,3,5-Trimethylbenzene	50	47.1	94	73-122
108-05-4	Vinyl Acetate	250	248	99	48-164
75-01-4	Vinyl Chloride	50	50.8	102	76-141
	m,p-Xylene	100	115	115	80-128
95-47-6	o-Xylene	50	53.4	107	80-132

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2509-BS	F0073313.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	75-124%
17060-07-0	1,2-Dichloroethane-D4	103%	72-135%
2037-26-5	Toluene-D8	98%	75-126%
460-00-4	4-Bromofluorobenzene	97%	71-133%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 3

Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-BS	F0073346.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	235	94	61-152
107-02-8	Acrolein	250	232	93	48-178
107-13-1	Acrylonitrile	250	232	93	66-134
71-43-2	Benzene	50	53.1	106	76-126
108-86-1	Bromobenzene	50	52.3	105	76-122
74-97-5	Bromochloromethane	50	51.9	104	77-120
75-27-4	Bromodichloromethane	50	52.8	106	74-130
75-25-2	Bromoform	50	53.4	107	76-127
78-93-3	2-Butanone (MEK)	250	221	88	75-137
104-51-8	n-Butylbenzene	50	57.4	115	71-128
135-98-8	sec-Butylbenzene	50	58.3	117	79-135
98-06-6	tert-Butylbenzene	50	54.8	110	77-133
75-15-0	Carbon Disulfide	50	47.1	94	72-122
56-23-5	Carbon Tetrachloride	50	57.9	116	78-133
108-90-7	Chlorobenzene	50	54.9	110	81-129
75-00-3	Chloroethane	50	51.9	104	68-133
110-75-8	2-Chloroethyl Vinyl Ether	250	233	93	45-159
67-66-3	Chloroform	50	52.6	105	72-123
95-49-8	o-Chlorotoluene	50	56.2	112	77-129
106-43-4	p-Chlorotoluene	50	56.6	113	80-134
124-48-1	Dibromochloromethane	50	55.1	110	76-127
96-12-8	1,2-Dibromo-3-chloropropane	50	46.5	93	70-137
106-93-4	1,2-Dibromoethane	50	52.3	105	77-126
75-71-8	Dichlorodifluoromethane	50	54.0	108	68-168
95-50-1	1,2-Dichlorobenzene	50	54.0	108	80-129
541-73-1	1,3-Dichlorobenzene	50	56.3	113	81-129
106-46-7	1,4-Dichlorobenzene	50	54.3	109	76-130
75-34-3	1,1-Dichloroethane	50	49.9	100	73-125
107-06-2	1,2-Dichloroethane	50	52.2	104	74-128
75-35-4	1,1-Dichloroethylene	50	49.3	99	81-136
156-59-2	cis-1,2-Dichloroethylene	50	51.1	102	74-126
156-60-5	trans-1,2-Dichloroethylene	50	53.9	108	70-127
78-87-5	1,2-Dichloropropane	50	51.3	103	74-125
142-28-9	1,3-Dichloropropane	50	51.9	104	76-122
594-20-7	2,2-Dichloropropane	50	53.9	108	77-133
563-58-6	1,1-Dichloropropene	50	55.2	110	75-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28651**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-BS	F0073346.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	54.2	108	80-123
10061-02-6	trans-1,3-Dichloropropene	50	56.1	112	75-131
100-41-4	Ethylbenzene	50	56.4	113	77-123
87-68-3	Hexachlorobutadiene	50	53.0	106	74-136
591-78-6	2-Hexanone	250	227	91	72-133
98-82-8	Isopropylbenzene	50	52.5	105	80-136
99-87-6	p-Isopropyltoluene	50	58.0	116	77-131
74-83-9	Methyl Bromide	50	44.5	89	65-139
74-87-3	Methyl Chloride	50	50.4	101	71-144
74-95-3	Methylene Bromide	50	52.1	104	74-124
75-09-2	Methylene Chloride	50	50.0	100	74-137
108-10-1	4-Methyl-2-pentanone (MIBK)	250	228	91	76-132
1634-04-4	Methyl Tert Butyl Ether	50	51.3	103	77-120
91-20-3	Naphthalene	50	56.0	112	79-129
103-65-1	n-Propylbenzene	50	51.9	104	80-135
100-42-5	Styrene	50	54.0	108	78-125
630-20-6	1,1,1,2-Tetrachloroethane	50	56.0	112	78-126
79-34-5	1,1,2,2-Tetrachloroethane	50	48.1	96	71-126
127-18-4	Tetrachloroethylene	50	55.3	111	79-130
108-88-3	Toluene	50	53.5	107	76-124
87-61-6	1,2,3-Trichlorobenzene	50	54.0	108	77-128
120-82-1	1,2,4-Trichlorobenzene	50	56.7	113	78-130
71-55-6	1,1,1-Trichloroethane	50	50.2	100	70-129
79-00-5	1,1,2-Trichloroethane	50	52.5	105	74-124
79-01-6	Trichloroethylene	50	53.3	107	75-128
75-69-4	Trichlorofluoromethane	50	51.0	102	73-145
96-18-4	1,2,3-Trichloropropane	50	50.1	100	74-127
95-63-6	1,2,4-Trimethylbenzene	50	57.6	115	74-123
108-67-8	1,3,5-Trimethylbenzene	50	56.3	113	73-122
108-05-4	Vinyl Acetate	250	251	100	48-164
75-01-4	Vinyl Chloride	50	50.7	101	76-141
	m,p-Xylene	100	111	111	80-128
95-47-6	o-Xylene	50	54.2	108	80-132

* = Outside of Control Limits.

Blank Spike Summary

Page 3 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2510-BS	F0073346.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-7, FA28651-8

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	75-124%
17060-07-0	1,2-Dichloroethane-D4	95%	72-135%
2037-26-5	Toluene-D8	99%	75-126%
460-00-4	4-Bromofluorobenzene	98%	71-133%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-4MS	F0073320.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4MSD	F0073321.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4	F0073319.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	FA28651-4 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	333	285	85	343	293	86	3	61-152/27
107-02-8	Acrolein	ND	333	312	94	343	273	80	13	48-178/37
107-13-1	Acrylonitrile	ND	333	298	89	343	320	93	7	66-134/26
71-43-2	Benzene	ND	66.7	63.0	94	68.5	65.1	95	3	76-126/26
108-86-1	Bromobenzene	ND	66.7	66.5	100	68.5	65.7	96	1	76-122/32
74-97-5	Bromochloromethane	ND	66.7	63.1	95	68.5	65.5	96	4	77-120/24
75-27-4	Bromodichloromethane	ND	66.7	64.2	96	68.5	67.0	98	4	74-130/25
75-25-2	Bromoform	ND	66.7	60.7	91	68.5	64.9	95	7	76-127/26
78-93-3	2-Butanone (MEK)	ND	333	285	85	343	310	90	8	75-137/25
104-51-8	n-Butylbenzene	ND	66.7	62.8	94	68.5	65.3	95	4	71-128/35
135-98-8	sec-Butylbenzene	ND	66.7	63.0	94	68.5	65.5	96	4	79-135/34
98-06-6	tert-Butylbenzene	ND	66.7	59.9	90	68.5	62.9	92	5	77-133/34
75-15-0	Carbon Disulfide	ND	66.7	59.8	90	68.5	59.2	86	1	72-122/29
56-23-5	Carbon Tetrachloride	ND	66.7	53.8	81	68.5	55.7	81	3	78-133/29
108-90-7	Chlorobenzene	ND	66.7	64.9	97	68.5	67.1	98	3	81-129/29
75-00-3	Chloroethane	ND	66.7	62.7	94	68.5	67.6	99	8	68-133/29
110-75-8	2-Chloroethyl Vinyl Ether	ND	333	307	92	343	316	92	3	45-159/26
67-66-3	Chloroform	ND	66.7	63.3	95	68.5	62.8	92	1	72-123/26
95-49-8	o-Chlorotoluene	ND	66.7	65.9	99	68.5	67.7	99	3	77-129/33
106-43-4	p-Chlorotoluene	ND	66.7	69.6	104	68.5	70.2	102	1	80-134/33
124-48-1	Dibromochloromethane	ND	66.7	63.4	95	68.5	67.7	99	7	76-127/27
96-12-8	1,2-Dibromo-3-chloropropane	ND	66.7	55.3	83	68.5	60.5	88	9	70-137/29
106-93-4	1,2-Dibromoethane	ND	66.7	62.5	94	68.5	67.9	99	8	77-126/26
75-71-8	Dichlorodifluoromethane	ND	66.7	49.8	75	68.5	52.0	76	4	68-168/29
95-50-1	1,2-Dichlorobenzene	ND	66.7	66.5	100	68.5	68.0	99	2	80-129/32
541-73-1	1,3-Dichlorobenzene	ND	66.7	69.4	104	68.5	70.4	103	1	81-129/33
106-46-7	1,4-Dichlorobenzene	ND	66.7	68.5	103	68.5	71.1	104	4	76-130/32
75-34-3	1,1-Dichloroethane	ND	66.7	64.6	97	68.5	62.7	92	3	73-125/27
107-06-2	1,2-Dichloroethane	ND	66.7	63.2	95	68.5	64.7	94	2	74-128/23
75-35-4	1,1-Dichloroethylene	ND	66.7	61.1	92	68.5	62.1	91	2	81-136/28
156-59-2	cis-1,2-Dichloroethylene	ND	66.7	61.4	92	68.5	60.8	89	1	74-126/26
156-60-5	trans-1,2-Dichloroethylene	ND	66.7	62.7	94	68.5	64.8	95	3	70-127/27
78-87-5	1,2-Dichloropropane	ND	66.7	64.2	96	68.5	63.2	92	2	74-125/25
142-28-9	1,3-Dichloropropane	ND	66.7	62.5	94	68.5	66.6	97	6	76-122/26
594-20-7	2,2-Dichloropropane	ND	66.7	60.0	90	68.5	59.8	87	0	77-133/28
563-58-6	1,1-Dichloropropene	ND	66.7	63.5	95	68.5	61.8	90	3	75-130/28

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-4MS	F0073320.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4MSD	F0073321.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4	F0073319.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Compound	FA28651-4 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND	66.7	64.7	97	68.5	66.2	97	2	80-123/26
10061-02-6	trans-1,3-Dichloropropene	ND	66.7	65.6	98	68.5	70.2	102	7	75-131/28
100-41-4	Ethylbenzene	ND	66.7	64.3	96	68.5	67.2	98	4	77-123/31
87-68-3	Hexachlorobutadiene	ND	66.7	43.1	65*	68.5	42.8	62*	1	74-136/38
591-78-6	2-Hexanone	ND	333	287	86	343	327	95	13	72-133/26
98-82-8	Isopropylbenzene	ND	66.7	63.9	96	68.5	66.3	97	4	80-136/32
99-87-6	p-Isopropyltoluene	ND	66.7	64.3	96	68.5	65.5	96	2	77-131/34
74-83-9	Methyl Bromide	ND	66.7	81.5	122	68.5	63.0	92	26	65-139/31
74-87-3	Methyl Chloride	ND	66.7	62.0	93	68.5	64.5	94	4	71-144/27
74-95-3	Methylene Bromide	ND	66.7	63.3	95	68.5	66.7	97	5	74-124/24
75-09-2	Methylene Chloride	ND	66.7	61.6	92	68.5	33.8	49*	58*	74-137/28
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	333	298	89	343	325	95	9	76-132/26
1634-04-4	Methyl Tert Butyl Ether	ND	66.7	60.7	91	68.5	64.4	94	6	77-120/24
91-20-3	Naphthalene	ND	66.7	61.3	92	68.5	65.3	95	6	79-129/33
103-65-1	n-Propylbenzene	ND	66.7	67.6	101	68.5	69.1	101	2	80-135/33
100-42-5	Styrene	ND	66.7	62.6	94	68.5	65.6	96	5	78-125/30
630-20-6	1,1,1,2-Tetrachloroethane	ND	66.7	64.3	96	68.5	67.8	99	5	78-126/27
79-34-5	1,1,2,2-Tetrachloroethane	ND	66.7	62.3	93	68.5	67.3	98	8	71-126/30
127-18-4	Tetrachloroethylene	ND	66.7	60.2	90	68.5	61.5	90	2	79-130/31
108-88-3	Toluene	ND	66.7	63.4	95	68.5	65.5	96	3	76-124/30
87-61-6	1,2,3-Trichlorobenzene	ND	66.7	57.2	86	68.5	59.5	87	4	77-128/35
120-82-1	1,2,4-Trichlorobenzene	ND	66.7	62.8	94	68.5	65.5	96	4	78-130/34
71-55-6	1,1,1-Trichloroethane	ND	66.7	59.5	89	68.5	59.5	87	0	70-129/27
79-00-5	1,1,2-Trichloroethane	ND	66.7	64.9	97	68.5	67.1	98	3	74-124/28
79-01-6	Trichloroethylene	ND	66.7	61.7	93	68.5	63.6	93	3	75-128/27
75-69-4	Trichlorofluoromethane	ND	66.7	55.4	83	68.5	57.7	84	4	73-145/31
96-18-4	1,2,3-Trichloropropane	ND	66.7	65.9	99	68.5	70.5	103	7	74-127/27
95-63-6	1,2,4-Trimethylbenzene	ND	66.7	63.4	95	68.5	65.5	96	3	74-123/34
108-67-8	1,3,5-Trimethylbenzene	ND	66.7	59.2	89	68.5	60.6	88	2	73-122/33
108-05-4	Vinyl Acetate	ND	333	136	41*	343	90.2	26*	40*	48-164/37
75-01-4	Vinyl Chloride	ND	66.7	58.7	88	68.5	59.4	87	1	76-141/27
	m,p-Xylene	ND	133	138	103	137	140	102	1	80-128/30
95-47-6	o-Xylene	ND	66.7	64.4	97	68.5	65.6	96	2	80-132/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-4MS	F0073320.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4MSD	F0073321.D	1	10/24/15	AD	n/a	n/a	VF2509
FA28651-4	F0073319.D	1	10/24/15	AD	n/a	n/a	VF2509

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-1, FA28651-2, FA28651-3, FA28651-4, FA28651-5, FA28651-6

CAS No.	Surrogate Recoveries	MS	MSD	FA28651-4	Limits
1868-53-7	Dibromofluoromethane	99%	98%	105%	75-124%
17060-07-0	1,2-Dichloroethane-D4	97%	96%	103%	72-135%
2037-26-5	Toluene-D8	100%	101%	109%	75-126%
460-00-4	4-Bromofluorobenzene	98%	99%	110%	71-133%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-6MS	F0073357.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6MSD	F0073358.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6 ^a	F0073352.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	FA28651-6 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	290	300	104	289	281	97	7	61-152/27
107-02-8	Acrolein	ND	290	218	75	289	200	69	9	48-178/37
107-13-1	Acrylonitrile	ND	290	296	102	289	264	91	11	66-134/26
71-43-2	Benzene	ND	57.9	62.3	108	57.8	60.0	104	4	76-126/26
108-86-1	Bromobenzene	ND	57.9	58.7	101	57.8	59.3	103	1	76-122/32
74-97-5	Bromochloromethane	ND	57.9	60.8	105	57.8	59.7	103	2	77-120/24
75-27-4	Bromodichloromethane	ND	57.9	62.8	108	57.8	60.7	105	3	74-130/25
75-25-2	Bromoform	ND	57.9	60.0	104	57.8	59.5	103	1	76-127/26
78-93-3	2-Butanone (MEK)	ND	290	282	97	289	257	89	9	75-137/25
104-51-8	n-Butylbenzene	ND	57.9	55.0	95	57.8	54.3	94	1	71-128/35
135-98-8	sec-Butylbenzene	ND	57.9	62.3	108	57.8	61.0	105	2	79-135/34
98-06-6	tert-Butylbenzene	ND	57.9	61.4	106	57.8	59.8	103	3	77-133/34
75-15-0	Carbon Disulfide	ND	57.9	56.5	98	57.8	51.6	89	9	72-122/29
56-23-5	Carbon Tetrachloride	ND	57.9	55.7	96	57.8	54.3	94	3	78-133/29
108-90-7	Chlorobenzene	ND	57.9	61.0	105	57.8	59.9	104	2	81-129/29
75-00-3	Chloroethane	ND	57.9	60.4	104	57.8	57.4	99	5	68-133/29
110-75-8	2-Chloroethyl Vinyl Ether	ND	290	275	95	289	259	90	6	45-159/26
67-66-3	Chloroform	ND	57.9	61.3	106	57.8	59.7	103	3	72-123/26
95-49-8	o-Chlorotoluene	ND	57.9	61.4	106	57.8	62.2	108	1	77-129/33
106-43-4	p-Chlorotoluene	ND	57.9	62.0	107	57.8	62.0	107	0	80-134/33
124-48-1	Dibromochloromethane	ND	57.9	62.9	109	57.8	61.7	107	2	76-127/27
96-12-8	1,2-Dibromo-3-chloropropane	ND	57.9	59.0	102	57.8	54.7	95	8	70-137/29
106-93-4	1,2-Dibromoethane	ND	57.9	60.2	104	57.8	60.2	104	0	77-126/26
75-71-8	Dichlorodifluoromethane	ND	57.9	57.5	99	57.8	54.3	94	6	68-168/29
95-50-1	1,2-Dichlorobenzene	ND	57.9	60.9	105	57.8	60.7	105	0	80-129/32
541-73-1	1,3-Dichlorobenzene	ND	57.9	62.0	107	57.8	61.7	107	0	81-129/33
106-46-7	1,4-Dichlorobenzene	ND	57.9	58.8	101	57.8	59.4	103	1	76-130/32
75-34-3	1,1-Dichloroethane	ND	57.9	61.3	106	57.8	58.6	101	5	73-125/27
107-06-2	1,2-Dichloroethane	ND	57.9	63.5	110	57.8	59.5	103	7	74-128/23
75-35-4	1,1-Dichloroethylene	ND	57.9	58.6	101	57.8	55.2	95	6	81-136/28
156-59-2	cis-1,2-Dichloroethylene	ND	57.9	57.5	99	57.8	55.7	96	3	74-126/26
156-60-5	trans-1,2-Dichloroethylene	ND	57.9	62.7	108	57.8	60.1	104	4	70-127/27
78-87-5	1,2-Dichloropropane	ND	57.9	61.3	106	57.8	59.4	103	3	74-125/25
142-28-9	1,3-Dichloropropane	ND	57.9	59.6	103	57.8	59.6	103	0	76-122/26
594-20-7	2,2-Dichloropropane	ND	57.9	62.6	108	57.8	56.6	98	10	77-133/28
563-58-6	1,1-Dichloropropene	ND	57.9	60.7	105	57.8	57.9	100	5	75-130/28

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-6MS	F0073357.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6MSD	F0073358.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6 ^a	F0073352.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-7, FA28651-8

CAS No.	Compound	FA28651-6 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND	57.9	62.0	107	57.8	60.6	105	2	80-123/26
10061-02-6	trans-1,3-Dichloropropene	ND	57.9	64.7	112	57.8	62.9	109	3	75-131/28
100-41-4	Ethylbenzene	ND	57.9	61.2	106	57.8	60.4	104	1	77-123/31
87-68-3	Hexachlorobutadiene	ND	57.9	45.4	78	57.8	42.6	74	6	74-136/38
591-78-6	2-Hexanone	ND	290	280	97	289	263	91	6	72-133/26
98-82-8	Isopropylbenzene	ND	57.9	56.4	97	57.8	54.7	95	3	80-136/32
99-87-6	p-Isopropyltoluene	ND	57.9	60.6	105	57.8	59.8	103	1	77-131/34
74-83-9	Methyl Bromide	ND	57.9	62.3	108	57.8	56.9	98	9	65-139/31
74-87-3	Methyl Chloride	ND	57.9	60.9	105	57.8	58.2	101	5	71-144/27
74-95-3	Methylene Bromide	ND	57.9	63.6	110	57.8	59.5	103	7	74-124/24
75-09-2	Methylene Chloride	ND	57.9	68.5	118	57.8	33.6	58*	68*	74-137/28
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	290	291	100	289	271	94	7	76-132/26
1634-04-4	Methyl Tert Butyl Ether	ND	57.9	59.4	103	57.8	57.3	99	4	77-120/24
91-20-3	Naphthalene	ND	57.9	62.8	108	57.8	61.6	107	2	79-129/33
103-65-1	n-Propylbenzene	ND	57.9	57.0	98	57.8	55.4	96	3	80-135/33
100-42-5	Styrene	ND	57.9	57.5	99	57.8	57.7	100	0	78-125/30
630-20-6	1,1,1,2-Tetrachloroethane	ND	57.9	61.8	107	57.8	61.5	106	0	78-126/27
79-34-5	1,1,2,2-Tetrachloroethane	ND	57.9	61.0	105	57.8	58.4	101	4	71-126/30
127-18-4	Tetrachloroethylene	ND	57.9	55.6	96	57.8	56.0	97	1	79-130/31
108-88-3	Toluene	ND	57.9	60.6	105	57.8	59.5	103	2	76-124/30
87-61-6	1,2,3-Trichlorobenzene	ND	57.9	54.3	94	57.8	54.0	93	1	77-128/35
120-82-1	1,2,4-Trichlorobenzene	ND	57.9	53.7	93	57.8	55.5	96	3	78-130/34
71-55-6	1,1,1-Trichloroethane	ND	57.9	60.0	104	57.8	56.9	98	5	70-129/27
79-00-5	1,1,2-Trichloroethane	ND	57.9	60.9	105	57.8	59.3	103	3	74-124/28
79-01-6	Trichloroethylene	ND	57.9	60.8	105	57.8	57.9	100	5	75-128/27
75-69-4	Trichlorofluoromethane	ND	57.9	59.6	103	57.8	53.6	93	11	73-145/31
96-18-4	1,2,3-Trichloropropane	ND	57.9	62.9	109	57.8	60.5	105	4	74-127/27
95-63-6	1,2,4-Trimethylbenzene	ND	57.9	63.1	109	57.8	62.7	108	1	74-123/34
108-67-8	1,3,5-Trimethylbenzene	ND	57.9	60.5	104	57.8	61.5	106	2	73-122/33
108-05-4	Vinyl Acetate	ND	290	77.7	27*	289	79.1	27*	2	48-164/37
75-01-4	Vinyl Chloride	ND	57.9	58.3	101	57.8	55.0	95	6	76-141/27
	m,p-Xylene	ND	116	119	103	116	117	101	2	80-128/30
95-47-6	o-Xylene	ND	57.9	57.9	100	57.8	57.6	100	1	80-132/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28651-6MS	F0073357.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6MSD	F0073358.D	1	10/26/15	EP	n/a	n/a	VF2510
FA28651-6 ^a	F0073352.D	1	10/26/15	EP	n/a	n/a	VF2510

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28651-7, FA28651-8

CAS No.	Surrogate Recoveries	MS	MSD	FA28651-6	Limits
1868-53-7	Dibromofluoromethane	100%	99%	108%	75-124%
17060-07-0	1,2-Dichloroethane-D4	102%	97%	115%	72-135%
2037-26-5	Toluene-D8	100%	101%	102%	75-126%
460-00-4	4-Bromofluorobenzene	97%	101%	97%	71-133%

(a) Confirmation run for internal standard areas.

* = Outside of Control Limits.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58104-MB	ST136285.D	1	10/30/15	RS	10/27/15	OP58104	GST3246

The QC reported here applies to the following samples:

Method: SW846 8082A

FA28651-1, FA28651-3, FA28651-5, FA28651-7

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	6.7	ug/kg	
11104-28-2	Aroclor 1221	ND	17	8.3	ug/kg	
11141-16-5	Aroclor 1232	ND	17	8.3	ug/kg	
53469-21-9	Aroclor 1242	ND	17	6.7	ug/kg	
12672-29-6	Aroclor 1248	ND	17	6.7	ug/kg	
11097-69-1	Aroclor 1254	ND	17	6.7	ug/kg	
11096-82-5	Aroclor 1260	ND	17	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	82% 44-126%
2051-24-3	Decachlorobiphenyl	98% 41-145%

Blank Spike Summary

Page 1 of 1

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58104-BS	ST136284.D	1	10/30/15	RS	10/27/15	OP58104	GST3246

The QC reported here applies to the following samples:

Method: SW846 8082A

FA28651-1, FA28651-3, FA28651-5, FA28651-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	113	85	58-126
11096-82-5	Aroclor 1260	133	119	89	59-133

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	86%	44-126%
2051-24-3	Decachlorobiphenyl	100%	41-145%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA28651

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58104-MS	ST136289.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
OP58104-MSD	ST136290.D	1	10/30/15	RS	10/27/15	OP58104	GST3246
FA28651-7	ST136288.D	1	10/30/15	RS	10/27/15	OP58104	GST3246

The QC reported here applies to the following samples:

Method: SW846 8082A

FA28651-1, FA28651-3, FA28651-5, FA28651-7

CAS No.	Compound	FA28651-7 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	140	101	72	140	105	75	4	58-126/25
11096-82-5	Aroclor 1260	ND	140	122	87	140	127	91	4	59-133/31

CAS No.	Surrogate Recoveries	MS	MSD	FA28651-7	Limits
877-09-8	Tetrachloro-m-xylene	73%	74%	78%	44-126%
2051-24-3	Decachlorobiphenyl	90%	92%	93%	41-145%

* = Outside of Control Limits.



10/29/15

Technical Report for

Gannett Fleming

Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
57524

Accutest Job Number: FA28653

Sampling Dates: 10/19/15 - 10/20/15

Report to:

Gannett Fleming
West Lake Corporate Center 9119 Corporate Lake Dr, Suite 150
Tampa, FL 33634-6323
axhoffman@gfnet.com; tfalkner@gfnet.com

ATTN: Todd Falkner

Total number of pages in report: **98**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Norm Farmer'.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
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Test results relate only to samples analyzed.

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Sample Summary

Gannett Fleming

Job No: FA28653

Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
Project No: 57524

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA28653-1	10/19/15	15:37	DMTF 10/23/15	AQ	Ground Water	MW-1D
FA28653-2	10/19/15	15:45	DMTF 10/23/15	AQ	Ground Water	MW-1DD
FA28653-3	10/20/15	08:52	DMTF 10/23/15	AQ	Ground Water	MW-1R
FA28653-4	10/20/15	09:29	DMTF 10/23/15	AQ	Ground Water	MW-2R
FA28653-5	10/20/15	09:54	DMTF 10/23/15	AQ	Ground Water	MW-14
FA28653-6	10/20/15	10:30	DMTF 10/23/15	AQ	Ground Water	MW-4
FA28653-7	10/20/15	10:32	DMTF 10/23/15	AQ	Ground Water	MW-15
FA28653-8	10/20/15	11:12	DMTF 10/23/15	AQ	Ground Water	MW-10
FA28653-9	10/20/15	11:19	DMTF 10/23/15	AQ	Ground Water	MW-3
FA28653-10	10/20/15	11:42	DMTF 10/23/15	AQ	Ground Water	WATER WELL
FA28653-11	10/20/15	13:10	DMTF 10/23/15	AQ	Ground Water	MW-5
FA28653-12	10/20/15	13:37	DMTF 10/23/15	AQ	Ground Water	MW-5D
FA28653-13	10/20/15	13:56	DMTF 10/23/15	AQ	Ground Water	MW-6



Sample Summary
(continued)

Gannett Fleming

Job No: FA28653

Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
Project No: 57524

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA28653-14	10/20/15	14:27	DMTF 10/23/15	AQ	Ground Water	MW-13
FA28653-15	10/20/15	14:34	DMTF 10/23/15	AQ	Ground Water	MW-11
FA28653-16	10/20/15	15:21	DMTF 10/23/15	AQ	Ground Water	MW-8
FA28653-17	10/20/15	15:25	DMTF 10/23/15	AQ	Ground Water	MW-12

Summary of Hits

Page 1 of 2

Job Number: FA28653

Account: Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Collected: 10/19/15 thru 10/20/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA28653-1 MW-1D

No hits reported in this sample.

FA28653-2 MW-1DD

Chloroform	1.1	1.0	0.30	ug/l	SW846 8260B
Tetrachloroethylene	12.6	1.0	0.33	ug/l	SW846 8260B
Trichloroethylene	1.4	1.0	0.22	ug/l	SW846 8260B

FA28653-3 MW-1R

1,1-Dichloroethylene	11.5 J	25	6.8	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	473	25	5.5	ug/l	SW846 8260B
trans-1,2-Dichloroethylene	7.9 J	25	5.2	ug/l	SW846 8260B
Ethylbenzene	8.8 J	25	5.0	ug/l	SW846 8260B
Tetrachloroethylene	464	25	8.1	ug/l	SW846 8260B
Trichloroethylene	1830	25	5.4	ug/l	SW846 8260B
o-Xylene	7.0 J	25	5.0	ug/l	SW846 8260B
Arsenic	265	10		ug/l	SW846 6010C

FA28653-4 MW-2R

Tetrachloroethylene	2.2	1.0	0.33	ug/l	SW846 8260B
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FA28653-5 MW-14

No hits reported in this sample.

FA28653-6 MW-4

No hits reported in this sample.

FA28653-7 MW-15

No hits reported in this sample.

FA28653-8 MW-10

No hits reported in this sample.

FA28653-9 MW-3

No hits reported in this sample.

Summary of Hits

Job Number: FA28653
Account: Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA
Collected: 10/19/15 thru 10/20/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA28653-10 WATER WELL

No hits reported in this sample.

FA28653-11 MW-5

Benzene	1.4	1.0	0.20	ug/l	SW846 8260B
Methyl Tert Butyl Ether	33.1	1.0	0.30	ug/l	SW846 8260B

FA28653-12 MW-5D

1,3-Dichlorobenzene	0.23 J	1.0	0.22	ug/l	SW846 8260B
1,1-Dichloroethane	0.30 J	1.0	0.20	ug/l	SW846 8260B
Methyl Tert Butyl Ether	0.51 J	1.0	0.30	ug/l	SW846 8260B
1,2,3-Trichlorobenzene	0.68 J	1.0	0.50	ug/l	SW846 8260B
1,2,4-Trichlorobenzene	1.6	1.0	0.50	ug/l	SW846 8260B

FA28653-13 MW-6

Methyl Tert Butyl Ether	1.0	1.0	0.30	ug/l	SW846 8260B
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FA28653-14 MW-13

No hits reported in this sample.

FA28653-15 MW-11

No hits reported in this sample.

FA28653-16 MW-8

No hits reported in this sample.

FA28653-17 MW-12

Methyl Tert Butyl Ether	1.5	1.0	0.30	ug/l	SW846 8260B
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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1D	
Lab Sample ID:	FA28653-1	Date Sampled: 10/19/15
Matrix:	AQ - Ground Water	Date Received: 10/23/15
Method:	SW846 8260B	Percent Solids: n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089517.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-1	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-1	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D		
Lab Sample ID:	FA28653-1	Date Sampled:	10/19/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
		Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1DD	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-2	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089518.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	1.1	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1DD	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-2	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	12.6	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	1.4	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1DD	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-2	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1DD	Date Sampled:	10/19/15
Lab Sample ID:	FA28653-2	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-3	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089519.D	25	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	630	250	ug/l	
107-02-8	Acrolein	ND	500	130	ug/l	
107-13-1	Acrylonitrile	ND	250	50	ug/l	
71-43-2	Benzene	ND	25	5.0	ug/l	
108-86-1	Bromobenzene	ND	25	6.7	ug/l	
74-97-5	Bromochloromethane	ND	25	8.4	ug/l	
75-27-4	Bromodichloromethane	ND	25	5.4	ug/l	
75-25-2	Bromoform	ND	25	8.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	130	29	ug/l	
104-51-8	n-Butylbenzene	ND	25	5.6	ug/l	
135-98-8	sec-Butylbenzene	ND	25	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	5.0	ug/l	
75-15-0	Carbon Disulfide	ND	50	7.4	ug/l	
56-23-5	Carbon Tetrachloride	ND	25	7.0	ug/l	
108-90-7	Chlorobenzene	ND	25	5.0	ug/l	
75-00-3	Chloroethane	ND	50	13	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	130	25	ug/l	
67-66-3	Chloroform	ND	25	7.5	ug/l	
95-49-8	o-Chlorotoluene	ND	25	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	25	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	25	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	15	ug/l	
106-93-4	1,2-Dibromoethane	ND	50	10	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	13	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	25	5.6	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	25	5.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	25	6.1	ug/l	
75-34-3	1,1-Dichloroethane	ND	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	5.0	ug/l	
75-35-4	1,1-Dichloroethylene	11.5	25	6.8	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	473	25	5.5	ug/l	
156-60-5	trans-1,2-Dichloroethylene	7.9	25	5.2	ug/l	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-3	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	25	6.3	ug/l	
142-28-9	1,3-Dichloropropane	ND	25	6.6	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	6.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	5.3	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	25	6.3	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	25	6.5	ug/l	
100-41-4	Ethylbenzene	8.8	25	5.0	ug/l	J
87-68-3	Hexachlorobutadiene	ND	50	13	ug/l	
591-78-6	2-Hexanone	ND	250	50	ug/l	
98-82-8	Isopropylbenzene	ND	25	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	5.0	ug/l	
74-83-9	Methyl Bromide	ND	50	13	ug/l	
74-87-3	Methyl Chloride	ND	50	13	ug/l	
74-95-3	Methylene Bromide	ND	50	6.3	ug/l	
75-09-2	Methylene Chloride	ND	130	50	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	130	25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	7.5	ug/l	
91-20-3	Naphthalene	ND	130	25	ug/l	
103-65-1	n-Propylbenzene	ND	25	5.0	ug/l	
100-42-5	Styrene	ND	25	7.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	5.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	5.6	ug/l	
127-18-4	Tetrachloroethylene	464	25	8.1	ug/l	
108-88-3	Toluene	ND	25	10	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	13	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	25	6.4	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	25	7.9	ug/l	
79-01-6	Trichloroethylene	1830	25	5.4	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	13	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	17	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	50	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	50	5.6	ug/l	
108-05-4	Vinyl Acetate	ND	250	50	ug/l	
75-01-4	Vinyl Chloride	ND	25	6.3	ug/l	
	m,p-Xylene	ND	50	7.9	ug/l	
95-47-6	o-Xylene	7.0	25	5.0	ug/l	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-3	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-3	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	265	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-4	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089520.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-4	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	2.2	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2R	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-4	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2R		
Lab Sample ID:	FA28653-4	Date Sampled:	10/20/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
		Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-5	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089556.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-5	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-5	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	111%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-5	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-6	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089522.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-6	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-6	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	111%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-6	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-7	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089523.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-7	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-7	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	FA28653-7	Date Sampled:	10/20/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
		Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-8	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089524.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-8	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-8	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis



Client Sample ID:	MW-10		
Lab Sample ID:	FA28653-8	Date Sampled:	10/20/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
		Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-9	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089525.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-9	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-9	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-9	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WATER WELL	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-10	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089526.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WATER WELL	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-10	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WATER WELL	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-10	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WATER WELL	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-10	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 10	10	ug/l	1	10/26/15	10/26/15 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA12737
(2) Prep QC Batch: MP29573

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-11	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089527.D	1	10/27/15	RB	n/a	n/a	VN4020
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	1.4	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-11	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	33.1	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-11	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	111%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-12	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089540.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	0.23	1.0	0.22	ug/l	J
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	0.30	1.0	0.20	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-12	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.51	1.0	0.30	ug/l	J
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	0.68	1.0	0.50	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	1.6	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-12	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-13	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089541.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-13	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.0	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-13	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-14	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089542.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-14	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-14	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	FA28653-15	Date Sampled:	10/20/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089543.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-15	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-15	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	87%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-16	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089544.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-16	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-16	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	FA28653-17	Date Sampled:	10/20/15
Matrix:	AQ - Ground Water	Date Received:	10/23/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0089545.D	1	10/28/15	RB	n/a	n/a	VN4021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-17	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.5	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12	Date Sampled:	10/20/15
Lab Sample ID:	FA28653-17	Date Received:	10/23/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest Laboratories Southeast

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

Accutest JOB #

FA 28653

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Accutest Quote #

TSKIFF#

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes											
Company Name Garrett Fleming				Project Name: TMR Valdosta																	DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe										
Address 9119 Corporate Lane Suite 150				Street 200 West Sumner Ave																											
City Tampa		State FL	Zip 33634	City Valdosta		State GA																									
Project Contact Tony Hoffman				Project #																											
E-mail				Fax #																											
Phone# 813 862 7322				Client Purchase Order #																											
Sampler(s) Name(s) (Printed) Tony Hoffman																															
				COLLECTION				CONTAINER INFORMATION																							
Accutest Sample #	Field ID / Point of Collection			DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	KCI	NOCH	RNDS	RSO4	NACH/NAC	D/WATER	MEDIH														
1	MW-1B			10/21/15	1537	BTF	GW	4			3	1						X	X												
2	MW-1DD			✓	1545						3	1						X	X												
3	MW-1R			10/21/15	0852						3	1						X	X												
4	mw-2R				0929						3	1						X	X												
5	mw-1Y				0954						3	1						X	X												
6	mw-4				1030						3	1						X	X												
7	Mw-15				1032						3	1						X	X												
8	mw-10				1112						3	1						X	X												
9	mw-3				1119						3	1						X	X												
10	water well				1142			✓			3	1						X	X												
11	mw-5				1310			3			3							X													
12	Mw-SD			✓	1357	✓	✓	✓			3							X													
TURNAROUND TIME (Business Days)				Date Deliverable Information				Comments / Remarks																							
☒ 10 Days Standard ☐ 7 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY ☐ OTHER				Approved By: / Rush Code ☐ COMMERCIAL "A" (RESULTS ONLY) ☒ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULT1 (EPA LEVEL 4) ☐ EDD'S																											
Emergency or Rush T/A Data Available VIA Email or Lablink																															
Sample Custody must be documented below each time samples change possession, including courier delivery.																															
Relinquished by Sampler: [Signature]				Date Time: 10/22/15 1310				Received By: James Floresca				Date Time: 10-22-15 1310				Relinquished by: [Signature]				Date Time: 10-22-15 1800				Received By: [Signature]				Date Time: 10-23-15			
Relinquished by: [Signature]				Date Time:				Received By:				Date Time:				Relinquished by:				Date Time:				Received By:				Date Time:			
5								6								7															
Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 3.2																															

FA28653: Chain of Custody

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LABORATORIES										Accutest Quote #										SKIFF#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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FA28653: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA 28653 CLIENT: GANNETT FLEMING PROJECT: TMR
 DATE/TIME RECEIVED: 10-23-15 08:00 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: _____

COOLER INFORMATION

- ☐ CUSTODY SEAL NOT PRESENT OR NOT INTACT
- ☐ CHAIN OF CUSTODY NOT RECEIVED (COC)
- ☐ ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- ☐ SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- ☐ TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- ☐ TRIP BLANK PROVIDED
- ☒ TRIP BLANK NOT PROVIDED
- ☒ TRIP BLANK NOT ON COC
- ☐ TRIP BLANK INTACT
- ☐ TRIP BLANK NOT INTACT
- ☐ RECEIVED WATER TRIP BLANK
- ☐ RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

pH PAPER LOT#s WID1HC131225

NARROW RANGE AO36133

OTHER (specify) 405-230010

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- ☐ IR THERM ID 1 CORR. FACTOR -0.4
- ☐ OBSERVED TEMPS: 3.6
- ☐ CORRECTED TEMPS: 3.2

SAMPLE INFORMATION

- ☐ INCORRECT NUMBER OF CONTAINERS USED
- ☐ SAMPLE RECEIVED IMPROPERLY PRESERVED
- ☐ INSUFFICIENT VOLUME FOR ANALYSIS
- ☐ DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ☐ ID'S ON COC DO NOT MATCH LABEL
- ☐ VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- ☐ BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- ☐ NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- ☐ UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- ☐ SAMPLE CONTAINER(S) RECEIVED BROKEN
- ☐ 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- ☐ BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- ☐ % SOLIDS JAR NOT RECEIVED
- ☐ RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 10-23-15

REVIEWER SIGNATURE/DATE [Signature] 10/23/15

NF 10/14

YELLOW SHEET110514.xls

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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

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Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-MB	N0089510.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-MB	N0089510.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: FA28653
Account: GFLEMFLT Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-MB	N0089510.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples: Method: SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	101% 83-118%

Method Blank Summary

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Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-MB	N0089539.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
107-02-8	Acrolein	ND	20	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
110-75-8	2-Chloroethyl Vinyl Ether	ND	5.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

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Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-MB	N0089539.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
	m,p-Xylene	ND	2.0	0.31	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

Method Blank Summary

Job Number: FA28653
Account: GFLEMFLT Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-MB	N0089539.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples: Method: SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	106% 83-118%
17060-07-0	1,2-Dichloroethane-D4	109% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

Blank Spike Summary

Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-BS	N0089511.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	132	106	50-147
107-02-8	Acrolein	125	162	130	31-154
107-13-1	Acrylonitrile	125	122	98	58-126
71-43-2	Benzene	25	27.1	108	81-122
108-86-1	Bromobenzene	25	25.7	103	80-121
74-97-5	Bromochloromethane	25	23.9	96	76-123
75-27-4	Bromodichloromethane	25	27.9	112	79-123
75-25-2	Bromoform	25	27.3	109	66-123
78-93-3	2-Butanone (MEK)	125	124	99	56-143
104-51-8	n-Butylbenzene	25	29.2	117	79-126
135-98-8	sec-Butylbenzene	25	29.6	118	83-133
98-06-6	tert-Butylbenzene	25	28.1	112	80-133
75-15-0	Carbon Disulfide	25	25.0	100	66-148
56-23-5	Carbon Tetrachloride	25	29.3	117	76-136
108-90-7	Chlorobenzene	25	26.7	107	82-124
75-00-3	Chloroethane	25	29.9	120	62-144
110-75-8	2-Chloroethyl Vinyl Ether	125	126	101	56-122
67-66-3	Chloroform	25	26.6	106	80-124
95-49-8	o-Chlorotoluene	25	28.1	112	81-127
106-43-4	p-Chlorotoluene	25	27.8	111	83-130
124-48-1	Dibromochloromethane	25	27.1	108	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	24.9	100	64-123
106-93-4	1,2-Dibromoethane	25	26.0	104	75-120
75-71-8	Dichlorodifluoromethane	25	26.5	106	42-167
95-50-1	1,2-Dichlorobenzene	25	26.2	105	82-124
541-73-1	1,3-Dichlorobenzene	25	27.6	110	84-125
106-46-7	1,4-Dichlorobenzene	25	26.4	106	78-120
75-34-3	1,1-Dichloroethane	25	28.0	112	81-122
107-06-2	1,2-Dichloroethane	25	26.6	106	75-125
75-35-4	1,1-Dichloroethylene	25	30.0	120	78-137
156-59-2	cis-1,2-Dichloroethylene	25	26.5	106	78-120
156-60-5	trans-1,2-Dichloroethylene	25	30.2	121	76-127
78-87-5	1,2-Dichloropropane	25	26.4	106	76-124
142-28-9	1,3-Dichloropropane	25	25.1	100	80-118
594-20-7	2,2-Dichloropropane	25	30.6	122	74-139
563-58-6	1,1-Dichloropropene	25	29.3	117	79-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-BS	N0089511.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	25	27.8	111	75-118
10061-02-6	trans-1,3-Dichloropropene	25	30.4	122*	80-120
100-41-4	Ethylbenzene	25	27.7	111	81-121
87-68-3	Hexachlorobutadiene	25	25.7	103	75-142
591-78-6	2-Hexanone	125	114	91	61-129
98-82-8	Isopropylbenzene	25	29.4	118	83-132
99-87-6	p-Isopropyltoluene	25	28.8	115	79-130
74-83-9	Methyl Bromide	25	28.8	115	59-143
74-87-3	Methyl Chloride	25	24.7	99	50-159
74-95-3	Methylene Bromide	25	26.6	106	78-119
75-09-2	Methylene Chloride	25	31.5	126	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	123	98	66-122
1634-04-4	Methyl Tert Butyl Ether	25	24.6	98	72-117
91-20-3	Naphthalene	25	27.8	111	63-132
103-65-1	n-Propylbenzene	25	29.0	116	82-133
100-42-5	Styrene	25	27.5	110	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	26.6	106	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	25.3	101	72-120
127-18-4	Tetrachloroethylene	25	28.4	114	76-135
108-88-3	Toluene	25	29.4	118	80-120
87-61-6	1,2,3-Trichlorobenzene	25	25.8	103	68-131
120-82-1	1,2,4-Trichlorobenzene	25	26.0	104	73-129
71-55-6	1,1,1-Trichloroethane	25	27.8	111	75-130
79-00-5	1,1,2-Trichloroethane	25	26.2	105	76-119
79-01-6	Trichloroethylene	25	27.3	109	81-126
75-69-4	Trichlorofluoromethane	25	28.4	114	71-156
96-18-4	1,2,3-Trichloropropane	25	27.4	110	77-120
95-63-6	1,2,4-Trimethylbenzene	25	28.4	114	79-120
108-67-8	1,3,5-Trimethylbenzene	25	28.0	112	79-120
108-05-4	Vinyl Acetate	125	130	104	43-154
75-01-4	Vinyl Chloride	25	28.8	115	69-159
	m,p-Xylene	50	56.3	113	79-126
95-47-6	o-Xylene	25	27.8	111	80-127

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4020-BS	N0089511.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-BS	N0089538.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	120	96	50-147
107-02-8	Acrolein	125	189	151	31-154
107-13-1	Acrylonitrile	125	118	94	58-126
71-43-2	Benzene	25	26.8	107	81-122
108-86-1	Bromobenzene	25	25.7	103	80-121
74-97-5	Bromochloromethane	25	23.9	96	76-123
75-27-4	Bromodichloromethane	25	27.1	108	79-123
75-25-2	Bromoform	25	27.1	108	66-123
78-93-3	2-Butanone (MEK)	125	113	90	56-143
104-51-8	n-Butylbenzene	25	27.5	110	79-126
135-98-8	sec-Butylbenzene	25	29.1	116	83-133
98-06-6	tert-Butylbenzene	25	27.7	111	80-133
75-15-0	Carbon Disulfide	25	24.8	99	66-148
56-23-5	Carbon Tetrachloride	25	28.6	114	76-136
108-90-7	Chlorobenzene	25	26.2	105	82-124
75-00-3	Chloroethane	25	31.3	125	62-144
110-75-8	2-Chloroethyl Vinyl Ether	125	120	96	56-122
67-66-3	Chloroform	25	27.6	110	80-124
95-49-8	o-Chlorotoluene	25	27.9	112	81-127
106-43-4	p-Chlorotoluene	25	27.0	108	83-130
124-48-1	Dibromochloromethane	25	26.4	106	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	23.8	95	64-123
106-93-4	1,2-Dibromoethane	25	25.3	101	75-120
75-71-8	Dichlorodifluoromethane	25	26.1	104	42-167
95-50-1	1,2-Dichlorobenzene	25	25.9	104	82-124
541-73-1	1,3-Dichlorobenzene	25	26.9	108	84-125
106-46-7	1,4-Dichlorobenzene	25	26.6	106	78-120
75-34-3	1,1-Dichloroethane	25	28.4	114	81-122
107-06-2	1,2-Dichloroethane	25	26.3	105	75-125
75-35-4	1,1-Dichloroethylene	25	31.0	124	78-137
156-59-2	cis-1,2-Dichloroethylene	25	26.0	104	78-120
156-60-5	trans-1,2-Dichloroethylene	25	29.5	118	76-127
78-87-5	1,2-Dichloropropane	25	25.8	103	76-124
142-28-9	1,3-Dichloropropane	25	24.5	98	80-118
594-20-7	2,2-Dichloropropane	25	27.1	108	74-139
563-58-6	1,1-Dichloropropene	25	29.1	116	79-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28653**Account:** GFLEMFLT Gannett Fleming**Project:** Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-BS	N0089538.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:**Method:** SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	25	26.8	107	75-118
10061-02-6	trans-1,3-Dichloropropene	25	29.1	116	80-120
100-41-4	Ethylbenzene	25	27.2	109	81-121
87-68-3	Hexachlorobutadiene	25	25.0	100	75-142
591-78-6	2-Hexanone	125	109	87	61-129
98-82-8	Isopropylbenzene	25	28.5	114	83-132
99-87-6	p-Isopropyltoluene	25	27.8	111	79-130
74-83-9	Methyl Bromide	25	30.8	123	59-143
74-87-3	Methyl Chloride	25	25.0	100	50-159
74-95-3	Methylene Bromide	25	26.3	105	78-119
75-09-2	Methylene Chloride	25	30.7	123	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	118	94	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.6	94	72-117
91-20-3	Naphthalene	25	26.7	107	63-132
103-65-1	n-Propylbenzene	25	28.2	113	82-133
100-42-5	Styrene	25	27.1	108	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	26.1	104	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	23.4	94	72-120
127-18-4	Tetrachloroethylene	25	28.7	115	76-135
108-88-3	Toluene	25	28.9	116	80-120
87-61-6	1,2,3-Trichlorobenzene	25	25.6	102	68-131
120-82-1	1,2,4-Trichlorobenzene	25	24.8	99	73-129
71-55-6	1,1,1-Trichloroethane	25	27.1	108	75-130
79-00-5	1,1,2-Trichloroethane	25	25.8	103	76-119
79-01-6	Trichloroethylene	25	27.9	112	81-126
75-69-4	Trichlorofluoromethane	25	29.3	117	71-156
96-18-4	1,2,3-Trichloropropane	25	26.4	106	77-120
95-63-6	1,2,4-Trimethylbenzene	25	27.8	111	79-120
108-67-8	1,3,5-Trimethylbenzene	25	27.7	111	79-120
108-05-4	Vinyl Acetate	125	106	85	43-154
75-01-4	Vinyl Chloride	25	30.4	122	69-159
	m,p-Xylene	50	55.3	111	79-126
95-47-6	o-Xylene	25	27.1	108	80-127

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4021-BS	N0089538.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28521-20MS	N0089532.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20MSD	N0089533.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20	N0089516.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	FA28521-20 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	125	110	88	125	106	85	4	50-147/21
107-02-8	Acrolein	ND	125	180	144	125	218	174*	19	31-154/29
107-13-1	Acrylonitrile	ND	125	107	86	125	108	86	1	58-126/16
71-43-2	Benzene	ND	25	24.6	98	25	23.9	96	3	81-122/14
108-86-1	Bromobenzene	ND	25	23.4	94	25	23.1	92	1	80-121/14
74-97-5	Bromochloromethane	ND	25	21.9	88	25	21.0	84	4	76-123/14
75-27-4	Bromodichloromethane	ND	25	25.0	100	25	23.8	95	5	79-123/19
75-25-2	Bromoform	ND	25	20.0	80	25	19.3	77	4	66-123/21
78-93-3	2-Butanone (MEK)	ND	125	106	85	125	105	84	1	56-143/18
104-51-8	n-Butylbenzene	ND	25	25.2	101	25	24.1	96	4	79-126/16
135-98-8	sec-Butylbenzene	ND	25	26.2	105	25	25.4	102	3	83-133/16
98-06-6	tert-Butylbenzene	ND	25	25.4	102	25	24.4	98	4	80-133/16
75-15-0	Carbon Disulfide	ND	25	20.3	81	25	19.4	78	5	66-148/23
56-23-5	Carbon Tetrachloride	ND	25	26.1	104	25	25.8	103	1	76-136/23
108-90-7	Chlorobenzene	ND	25	24.1	96	25	23.4	94	3	82-124/14
75-00-3	Chloroethane	ND	25	32.2	129	25	32.7	131	2	62-144/20
110-75-8	2-Chloroethyl Vinyl Ether	ND	125	ND	0*	125	ND	0*	nc	56-122/23
67-66-3	Chloroform	ND	25	24.8	99	25	24.0	96	3	80-124/15
95-49-8	o-Chlorotoluene	ND	25	25.2	101	25	24.4	98	3	81-127/15
106-43-4	p-Chlorotoluene	ND	25	23.8	95	25	23.8	95	0	83-130/15
124-48-1	Dibromochloromethane	ND	25	21.2	85	25	21.6	86	2	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	19.7	79	25	19.3	77	2	64-123/18
106-93-4	1,2-Dibromoethane	ND	25	22.2	89	25	22.6	90	2	75-120/13
75-71-8	Dichlorodifluoromethane	ND	25	25.6	102	25	26.9	108	5	42-167/19
95-50-1	1,2-Dichlorobenzene	ND	25	23.7	95	25	23.2	93	2	82-124/14
541-73-1	1,3-Dichlorobenzene	ND	25	24.9	100	25	24.1	96	3	84-125/14
106-46-7	1,4-Dichlorobenzene	ND	25	23.7	95	25	23.4	94	1	78-120/15
75-34-3	1,1-Dichloroethane	ND	25	25.6	102	25	24.7	99	4	81-122/15
107-06-2	1,2-Dichloroethane	ND	25	24.0	96	25	24.0	96	0	75-125/14
75-35-4	1,1-Dichloroethylene	ND	25	27.7	111	25	28.2	113	2	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND	25	22.2	89	25	22.6	90	2	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	25	26.9	108	25	26.6	106	1	76-127/17
78-87-5	1,2-Dichloropropane	ND	25	23.8	95	25	23.0	92	3	76-124/14
142-28-9	1,3-Dichloropropane	ND	25	21.8	87	25	21.5	86	1	80-118/13
594-20-7	2,2-Dichloropropane	ND	25	26.6	106	25	26.1	104	2	74-139/17
563-58-6	1,1-Dichloropropene	ND	25	26.1	104	25	25.8	103	1	79-131/16

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28521-20MS	N0089532.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20MSD	N0089533.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20	N0089516.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Compound	FA28521-20 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND	25	21.5	86	25	21.3	85	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	25	25.3	101	25	25.2	101	0	80-120/22
100-41-4	Ethylbenzene	ND	25	24.6	98	25	24.4	98	1	81-121/14
87-68-3	Hexachlorobutadiene	ND	25	20.9	84	25	20.3	81	3	75-142/19
591-78-6	2-Hexanone	ND	125	99.7	80	125	101	81	1	61-129/18
98-82-8	Isopropylbenzene	ND	25	25.8	103	25	25.0	100	3	83-132/15
99-87-6	p-Isopropyltoluene	ND	25	25.3	101	25	24.2	97	4	79-130/16
74-83-9	Methyl Bromide	ND	25	31.9	128	25	32.5	130	2	59-143/19
74-87-3	Methyl Chloride	ND	25	25.8	103	25	26.4	106	2	50-159/19
74-95-3	Methylene Bromide	ND	25	23.8	95	25	23.0	92	3	78-119/14
75-09-2	Methylene Chloride	ND	25	29.2	117	25	28.4	114	3	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	111	89	125	113	90	2	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND	25	20.4	82	25	20.4	82	0	72-117/14
91-20-3	Naphthalene	ND	25	22.3	89	25	22.3	89	0	63-132/25
103-65-1	n-Propylbenzene	ND	25	25.4	102	25	24.8	99	2	82-133/15
100-42-5	Styrene	ND	25	21.2	85	25	20.5	82	3	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	23.6	94	25	23.5	94	0	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	22.0	88	25	21.7	87	1	72-120/14
127-18-4	Tetrachloroethylene	0.57	J	25	103	25	25.8	101	2	76-135/16
108-88-3	Toluene	ND	25	25.8	103	25	25.8	103	0	80-120/14
87-61-6	1,2,3-Trichlorobenzene	ND	25	21.4	86	25	21.3	85	0	68-131/25
120-82-1	1,2,4-Trichlorobenzene	ND	25	21.1	84	25	20.8	83	1	73-129/20
71-55-6	1,1,1-Trichloroethane	ND	25	25.3	101	25	24.6	98	3	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	25	22.6	90	25	22.7	91	0	76-119/14
79-01-6	Trichloroethylene	ND	25	25.3	101	25	24.3	97	4	81-126/15
75-69-4	Trichlorofluoromethane	ND	25	29.3	117	25	30.1	120	3	71-156/21
96-18-4	1,2,3-Trichloropropane	ND	25	24.6	98	25	23.9	96	3	77-120/16
95-63-6	1,2,4-Trimethylbenzene	ND	25	24.0	96	25	23.0	92	4	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND	25	24.1	96	25	23.3	93	3	79-120/19
108-05-4	Vinyl Acetate	ND	125	125	100	125	127	102	2	43-154/14
75-01-4	Vinyl Chloride	ND	25	29.2	117	25	30.7	123	5	69-159/18
	m,p-Xylene	ND	50	49.6	99	50	48.3	97	3	79-126/15
95-47-6	o-Xylene	ND	25	23.7	95	25	24.0	96	1	80-127/14

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28653
Account: GFLEMFLT Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28521-20MS	N0089532.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20MSD	N0089533.D	1	10/28/15	RB	n/a	n/a	VN4020
FA28521-20	N0089516.D	1	10/27/15	RB	n/a	n/a	VN4020

The QC reported here applies to the following samples: Method: SW846 8260B

FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10, FA28653-11

CAS No.	Surrogate Recoveries	MS	MSD	FA28521-20	Limits
1868-53-7	Dibromofluoromethane	103%	102%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	104%	110%	79-125%
2037-26-5	Toluene-D8	95%	96%	99%	85-112%
460-00-4	4-Bromofluorobenzene	92%	93%	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28628-1MS	N0089558.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1MSD	N0089559.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1	N0089546.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	FA28628-1 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	125	119	95	125	118	94	1	50-147/21
107-02-8	Acrolein	ND	125	164	131	125	160	128	2	31-154/29
107-13-1	Acrylonitrile	ND	125	118	94	125	115	92	3	58-126/16
71-43-2	Benzene	ND	25	23.4	94	25	21.0	84	11	81-122/14
108-86-1	Bromobenzene	ND	25	21.6	86	25	20.8	83	4	80-121/14
74-97-5	Bromochloromethane	ND	25	21.7	87	25	19.9	80	9	76-123/14
75-27-4	Bromodichloromethane	ND	25	23.6	94	25	21.4	86	10	79-123/19
75-25-2	Bromoform	ND	25	20.9	84	25	20.4	82	2	66-123/21
78-93-3	2-Butanone (MEK)	ND	125	117	94	125	116	93	1	56-143/18
104-51-8	n-Butylbenzene	ND	25	22.9	92	25	21.3	85	7	79-126/16
135-98-8	sec-Butylbenzene	ND	25	24.1	96	25	22.4	90	7	83-133/16
98-06-6	tert-Butylbenzene	ND	25	22.4	90	25	21.1	84	6	80-133/16
75-15-0	Carbon Disulfide	ND	25	18.4	74	25	16.0	64*	14	66-148/23
56-23-5	Carbon Tetrachloride	ND	25	25.6	102	25	22.2	89	14	76-136/23
108-90-7	Chlorobenzene	ND	25	22.6	90	25	20.7	83	9	82-124/14
75-00-3	Chloroethane	ND	25	29.6	118	25	26.7	107	10	62-144/20
110-75-8	2-Chloroethyl Vinyl Ether	ND	125	ND	0*	125	ND	0*	nc	56-122/23
67-66-3	Chloroform	ND	25	23.9	96	25	21.6	86	10	80-124/15
95-49-8	o-Chlorotoluene	ND	25	22.7	91	25	21.6	86	5	81-127/15
106-43-4	p-Chlorotoluene	ND	25	22.2	89	25	20.4	82*	8	83-130/15
124-48-1	Dibromochloromethane	ND	25	21.8	87	25	20.7	83	5	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	20.7	83	25	21.1	84	2	64-123/18
106-93-4	1,2-Dibromoethane	ND	25	21.9	88	25	20.9	84	5	75-120/13
75-71-8	Dichlorodifluoromethane	ND	25	25.1	100	25	22.5	90	11	42-167/19
95-50-1	1,2-Dichlorobenzene	ND	25	22.1	88	25	20.6	82	7	82-124/14
541-73-1	1,3-Dichlorobenzene	ND	25	22.9	92	25	21.5	86	6	84-125/14
106-46-7	1,4-Dichlorobenzene	ND	25	22.6	90	25	20.9	84	8	78-120/15
75-34-3	1,1-Dichloroethane	ND	25	24.1	96	25	21.7	87	10	81-122/15
107-06-2	1,2-Dichloroethane	ND	25	23.7	95	25	21.8	87	8	75-125/14
75-35-4	1,1-Dichloroethylene	ND	25	27.1	108	25	24.4	98	10	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND	25	21.4	86	25	19.9	80	7	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	25	25.0	100	25	22.4	90	11	76-127/17
78-87-5	1,2-Dichloropropane	ND	25	21.9	88	25	20.3	81	8	76-124/14
142-28-9	1,3-Dichloropropane	ND	25	20.8	83	25	20.4	82	2	80-118/13
594-20-7	2,2-Dichloropropane	ND	25	22.5	90	25	20.4	82	10	74-139/17
563-58-6	1,1-Dichloropropene	ND	25	24.7	99	25	22.1	88	11	79-131/16

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28628-1MS	N0089558.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1MSD	N0089559.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1	N0089546.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Compound	FA28628-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND	25	19.5	78	25	18.1	72*	7	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	25	24.1	96	25	23.1	92	4	80-120/22
100-41-4	Ethylbenzene	ND	25	23.2	93	25	20.9	84	10	81-121/14
87-68-3	Hexachlorobutadiene	ND	25	20.9	84	25	19.5	78	7	75-142/19
591-78-6	2-Hexanone	ND	125	105	84	125	108	86	3	61-129/18
98-82-8	Isopropylbenzene	ND	25	23.3	93	25	21.4	86	9	83-132/15
99-87-6	p-Isopropyltoluene	ND	25	23.0	92	25	21.4	86	7	79-130/16
74-83-9	Methyl Bromide	ND	25	28.9	116	25	27.4	110	5	59-143/19
74-87-3	Methyl Chloride	ND	25	24.1	96	25	21.2	85	13	50-159/19
74-95-3	Methylene Bromide	ND	25	23.0	92	25	21.7	87	6	78-119/14
75-09-2	Methylene Chloride	ND	25	27.8	111	25	25.3	101	9	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	118	94	125	117	94	1	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND	25	19.5	78	25	19.5	78	0	72-117/14
91-20-3	Naphthalene	ND	25	21.2	85	25	22.0	88	4	63-132/25
103-65-1	n-Propylbenzene	ND	25	22.9	92	25	21.2	85	8	82-133/15
100-42-5	Styrene	ND	25	22.1	88	25	20.6	82	7	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	22.2	89	25	20.7	83	7	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	21.4	86	25	21.6	86	1	72-120/14
127-18-4	Tetrachloroethylene	ND	25	24.6	98	25	22.0	88	11	76-135/16
108-88-3	Toluene	ND	25	24.6	98	25	22.2	89	10	80-120/14
87-61-6	1,2,3-Trichlorobenzene	ND	25	21.3	85	25	20.2	81	5	68-131/25
120-82-1	1,2,4-Trichlorobenzene	ND	25	19.7	79	25	19.6	78	1	73-129/20
71-55-6	1,1,1-Trichloroethane	ND	25	23.8	95	25	21.0	84	13	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	25	22.6	90	25	21.6	86	5	76-119/14
79-01-6	Trichloroethylene	ND	25	24.0	96	25	21.6	86	11	81-126/15
75-69-4	Trichlorofluoromethane	ND	25	28.0	112	25	25.5	102	9	71-156/21
96-18-4	1,2,3-Trichloropropane	ND	25	23.9	96	25	23.2	93	3	77-120/16
95-63-6	1,2,4-Trimethylbenzene	ND	25	22.8	91	25	21.3	85	7	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND	25	22.4	90	25	21.0	84	6	79-120/19
108-05-4	Vinyl Acetate	ND	125	126	101	125	121	97	4	43-154/14
75-01-4	Vinyl Chloride	ND	25	27.2	109	25	25.0	100	8	69-159/18
95-47-6	m,p-Xylene	ND	50	46.7	93	50	42.9	86	8	79-126/15
	o-Xylene	ND	25	21.9	88	25	20.1	80	9	80-127/14

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: FA28653

Account: GFLEMFLT Gannett Fleming

Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28628-1MS	N0089558.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1MSD	N0089559.D	1	10/28/15	RB	n/a	n/a	VN4021
FA28628-1	N0089546.D	1	10/28/15	RB	n/a	n/a	VN4021

The QC reported here applies to the following samples:

Method: SW846 8260B

FA28653-5, FA28653-12, FA28653-13, FA28653-14, FA28653-15, FA28653-16, FA28653-17

CAS No.	Surrogate Recoveries	MS	MSD	FA28628-1	Limits
1868-53-7	Dibromofluoromethane	104%	102%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	103%	111%	79-125%
2037-26-5	Toluene-D8	96%	94%	100%	85-112%
460-00-4	4-Bromofluorobenzene	89%	92%	100%	83-118%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA28653
Account: GFLEMFLT - Gannett Fleming
Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/26/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3	-0.30	<10
Barium	200	1	1		
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2		
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1		
Magnesium	5000	35	35		
Manganese	15	.5	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	200	200		
Selenium	10	2.4	2.9		
Silver	10	.7	.7		
Sodium	10000	500	500		
Strontium	10	.5	.5		
Thallium	10	1.1	1.4		
Tin	50	.9	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA28653
 Account: GFLEMLT - Gannett Fleming
 Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/26/15 10/26/15

Metal	FA28633-1 Original	DUP	RPD	QC Limits	FA28633-1 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	3.8	3.0	23.5 (a)	0-20	3.8	2060	2000	102.8
Barium	anr							
Beryllium								
Cadmium	anr							
Calcium								
Chromium	anr							
Cobalt								
Copper								
Iron								
Lead	anr							
Magnesium								
Manganese								
Molybdenum								
Nickel								
Potassium								
Selenium	anr							
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc								

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA28653
 Account: GFLEMFLT - Gannett Fleming
 Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/26/15

Metal	FA28633-1 Original MSD	Spike lot MPFLICP2 % Rec	MSD RPD	QC Limit
Aluminum				
Antimony				
Arsenic	3.8	2050	2000	102.3
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA28653
 Account: GFLEMFLT - Gannett Fleming
 Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/26/15

Metal	BSP Result	Spike lot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	2070	2000	103.5	80-120
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA28653
 Account: GFLEMFLT - Gannett Fleming
 Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/26/15

Metal	FA28633-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	3.80	0.00	100.0(a)	0-10
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FA28653
 Account: GFLEMFLT - Gannett Fleming
 Project: Trademark Metals Recycling; 2000 W Savannah, Valdosta, GA

QC Batch ID: MP29573
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date:

10/26/15

Metal	Sample ml	Final ml	FA28633-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	3.8	3.724	109.7	0.2	5	100	106.0	80-120
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP29573: FA28653-1, FA28653-2, FA28653-3, FA28653-4, FA28653-5, FA28653-6, FA28653-7, FA28653-8, FA28653-9, FA28653-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

November 13, 2015

Ms. Andrea Colby
Accutest Laboratories
4405 Vineland Road
Orlando, Florida 32811

Re: Florida Dioxins & Furans
Work Order: 8391
SDG: FA28651X

Dear Ms. Colby:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on October 27, 2015. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421.

Sincerely,



Cynde Larkins
Project Manager

Enclosures

CHAIN OF CUSTODY

44405 Vineland Rd, Suite C-15, Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.acctest.com

www.accutest.com

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)												Matrix Codes																				
Company Name: Accutest Laboratories				Project Name: Trademark Metals Recycling, 2000 W Savannah, Valdosta, GA																																				
Street Address 4405 Vineland Rd, Suite C-15				Street																																				
City Orlando		State FL		Zip 32811		Billing Information (if different from Report to) Company Name																																		
Project Contact andrea				Project #																																				
Phone # 407-425-6700		Fax #		Client Purchase Order #		City		State		Zip																														
Sampler(s) Name(s) DMTF				Project Manager																																				
Field ID / Point of Collection SB-5-3				MEOH/DI Vial #		Collection		Sampled by		Matrix		# of bottles		Number of preserved Bottles																										
9X						Date 10/21/15		Time 9:45:00 AM		DMTF		SO		1		HCl		NONE		H2SO4		DI Water		MEOH		ENCORE														

SAMPLE RECEIPT CHECKLIST
Cape Fear Analytical

Client: Accu	Work Order: 8391
Shipping Company: FedEx	Date/Time Received: 27OCT15 1030

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			☒
Samples identified as Foreign Soil?			☒

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?		☒	
Samples < 2x background?		☒	

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			☒

Air Witness: _____

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	☒			Circle Applicable: seals broken damaged container leaking container other(describe)
2 Chain of Custody documents included with shipment?	☒			
3 Samples requiring cold preservation within 0-6°C?	☒			Preservation Method: ice bags blue ice dry ice none other(describe) 2.2° - 1.7° = 0.5°C
4 Aqueous samples found to have visible solids?		☒		Sample IDs, containers affected:
5 Samples requiring chemical preservation at proper pH?		☒		Sample IDs, containers affected and pH observed: If preservative added, Lot#:
6 Samples requiring preservation have no residual chlorine?		☒		Sample IDs, containers affected: If preservative added, Lot#:
7 Samples received within holding time?	☒			Sample IDs, tests affected:
8 Sample IDs on COC match IDs on containers?	☒			Sample IDs, containers affected:
9 Date & time of COC match date & time on containers?	☒			Sample IDs, containers affected:
10 Number of containers received match number indicated on COC?	☒			Sample IDs, containers affected: 1 - 4oz amber soil jar
11 COC form is properly signed in relinquished/received sections?	☒			

Comments:

Checklist performed by: Initials: **CL**

Date: **27OCT15**

High Resolution Dioxins and Furans Analysis

Case Narrative

**HDOX Case Narrative
Accutest Laboratories (ACCU)
SDG FA28651X
Work Order 8391**

Method/Analysis Information

Product: Dioxins/Furans by EPA Method 1613B in Solids
Analytical Method: EPA Method 1613B
Extraction Method: SW846 3540C
Analytical Batch Number: 30469
Clean Up Batch Number: 30468
Extraction Batch Number: 30467

Sample Analysis

The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
8391001	FA28651X-9X
12014737	Method Blank (MB)
12014738	Laboratory Control Sample (LCS)
12014739	Laboratory Control Sample Duplicate (LCSD)
12014740	8391001(FA28651X-9X) Matrix Spike (MS)
12014741	8391001(FA28651X-9X) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 14.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (CCV) met the acceptance criteria.

Quality Control (QC) Information**Certification Statement**

The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement

The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries

All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery

The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery

The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement

The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation

Sample 8391001 (FA28651X-9X) was selected for analysis as the matrix spike and matrix spike duplicate.

Matrix Spike/Duplicate (MS/MSD) Recovery Statement

One MS recovery for this SDG was not within the acceptance limits. The failure confirms in the matrix spike duplicate and is attributed to matrix interference. 12014740 (FA28651X-9X) and 12014741 (FA28651X-9X).

MS/MSD Relative Percent Difference (RPD) Statement

The RPD(s) between the MS and MSD met the acceptance limits.

Technical Information**Holding Time Specifications**

CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification

All procedures were performed as stated in the SOP.

Sample Dilutions

The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis

Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation

The following NCR was generated for this SDG: 645552 12014740 (FA28651X-9X) and 12014741 (FA28651X-9X).

Manual Integrations

Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

System Configuration

This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP763_1	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Certificate of Analysis Report for

ACCU001 Accutest Laboratories

Client SDG: FA28651X CFA Work Order: 8391

The Qualifiers in this report are defined as follows:

- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- K Estimated Maximum Possible Concentration
- U Analyte was analyzed for, but not detected above the specified detection limit.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature:



Name: Heather Patterson

Date: 13 NOV 2015

Title: Group Leader

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 2

SDG Number: FA28651X
Lab Sample ID: 8391001
Client Sample: 1668A/1613B Soil
Client ID: FA28651X-9X
Batch ID: 30469
Run Date: 11/11/2015 01:02
Data File: b10nov15a_2-4
Prep Batch: 30467
Prep Date: 09-NOV-15

Client: ACCU001
Date Collected: 10/21/2015 09:45
Date Received: 10/27/2015 10:30

Method: EPA Method 1613B
Analyst: CLP

Prep Method: SW846 3540C
Prep Aliquot: 11.87 g

Project: ACCU00414
Matrix: SOIL
%Moisture: 14.4

Prep Basis: Dry Weight

Instrument: HRP763
Dilution: 1

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	.984	pg/g	0.984
40321-76-4	1,2,3,7,8-PeCDD	U	4.92	pg/g	4.92
39227-28-6	1,2,3,4,7,8-HxCDD	U	4.92	pg/g	4.92
57653-85-7	1,2,3,6,7,8-HxCDD	U	4.92	pg/g	4.92
19408-74-3	1,2,3,7,8,9-HxCDD	U	4.92	pg/g	4.92
35822-46-9	1,2,3,4,6,7,8-HpCDD		21.5	pg/g	4.92
3268-87-9	1,2,3,4,6,7,8,9-OCDD		229	pg/g	9.84
51207-31-9	2,3,7,8-TCDF	U	.984	pg/g	0.984
57117-41-6	1,2,3,7,8-PeCDF	U	4.92	pg/g	4.92
57117-31-4	2,3,4,7,8-PeCDF	U	4.92	pg/g	4.92
70648-26-9	1,2,3,4,7,8-HxCDF	U	4.92	pg/g	4.92
57117-44-9	1,2,3,6,7,8-HxCDF	U	4.92	pg/g	4.92
60851-34-5	2,3,4,6,7,8-HxCDF	U	4.92	pg/g	4.92
72918-21-9	1,2,3,7,8,9-HxCDF	U	4.92	pg/g	4.92
67562-39-4	1,2,3,4,6,7,8-HpCDF	U	4.92	pg/g	4.92
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	4.92	pg/g	4.92
39001-02-0	1,2,3,4,6,7,8,9-OCDF	U	9.84	pg/g	9.84
41903-57-5	Total Tetrachlorodibenzo-p-dioxin	U	.984	pg/g	0.984
36088-22-9	Total Pentachlorodibenzo-p-dioxin	U	4.92	pg/g	4.92
34465-46-8	Total Hexachlorodibenzo-p-dioxin	U	4.92	pg/g	4.92
37871-00-4	Total Heptachlorodibenzo-p-dioxin		50.3	pg/g	4.92
30402-14-3	Total Tetrachlorodibenzofuran	U	.984	pg/g	0.984
30402-15-4	Total Pentachlorodibenzofuran	U	4.92	pg/g	4.92
55684-94-1	Total Hexachlorodibenzofuran	U	4.92	pg/g	4.92
38998-75-3	Total Heptachlorodibenzofuran		6.42	pg/g	4.92
3333-30-0	TEQ WHO2005 ND=0		0.284	pg/g	
3333-30-1	TEQ WHO2005 ND=0.5		5.87	pg/g	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		167	197	pg/g	85.1	(25%-164%)
13C-1,2,3,7,8-PeCDD		166	197	pg/g	84.3	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		166	197	pg/g	84.2	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		165	197	pg/g	83.7	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		182	197	pg/g	92.3	(23%-140%)
13C-OCDD		353	393	pg/g	89.8	(17%-157%)
13C-2,3,7,8-TCDF		160	197	pg/g	81.1	(24%-169%)
13C-1,2,3,7,8-PeCDF		167	197	pg/g	84.8	(24%-185%)
13C-2,3,4,7,8-PeCDF		167	197	pg/g	85.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		166	197	pg/g	84.4	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		160	197	pg/g	81.3	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		171	197	pg/g	87.2	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		171	197	pg/g	86.8	(29%-147%)

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 2 of 2

SDG Number:	FA28651X	Client:	ACCU001	Project:	ACCU00414
Lab Sample ID:	8391001	Date Collected:	10/21/2015 09:45	Matrix:	SOIL
Client Sample:	1668A/1613B Soil	Date Received:	10/27/2015 10:30	%Moisture:	14.4
Client ID:	FA28651X-9X			Prep Basis:	Dry Weight
Batch ID:	30469	Method:	EPA Method 1613B		
Run Date:	11/11/2015 01:02	Analyst:	CLP	Instrument:	HRP763
Data File:	b10nov15a_2-4			Dilution:	1
Prep Batch:	30467	Prep Method:	SW846 3540C		
Prep Date:	09-NOV-15	Prep Aliquot:	11.87 g		

CAS No.	Parmname	Qual	Result	Units	PQL		
Surrogate/Tracer recovery		Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF			171	197	pg/g	86.7	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF			172	197	pg/g	87.6	(26%-138%)
37Cl-2,3,7,8-TCDD			17.4	19.7	pg/g	88.6	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Quality Control Summary

Hi-Res Dioxins/Furans **Surrogate Recovery Report**

Page 1 of 3

SDG Number: FA28651X

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12014738	LCS for batch 30467	13C-2,3,7,8-TCDD		76.5	(20%-175%)
		13C-1,2,3,7,8-PeCDD		73.7	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		74.0	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		72.9	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		77.9	(22%-166%)
		13C-OCDD		72.6	(13%-199%)
		13C-2,3,7,8-TCDF		75.2	(22%-152%)
		13C-1,2,3,7,8-PeCDF		75.0	(21%-192%)
		13C-2,3,4,7,8-PeCDF		74.1	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		73.6	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		71.9	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		73.2	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		75.2	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		74.3	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		74.0	(20%-186%)
		37Cl-2,3,7,8-TCDD		90.6	(31%-191%)
12014739	LCSD for batch 30467	13C-2,3,7,8-TCDD		66.5	(20%-175%)
		13C-1,2,3,7,8-PeCDD		75.5	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		74.0	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		73.3	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		77.8	(22%-166%)
		13C-OCDD		75.2	(13%-199%)
		13C-2,3,7,8-TCDF		65.6	(22%-152%)
		13C-1,2,3,7,8-PeCDF		71.0	(21%-192%)
		13C-2,3,4,7,8-PeCDF		76.6	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		75.4	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		72.7	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		77.3	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		79.4	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		76.5	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		76.5	(20%-186%)
		37Cl-2,3,7,8-TCDD		71.3	(31%-191%)
12014737	MB for batch 30467	13C-2,3,7,8-TCDD		85.5	(25%-164%)
		13C-1,2,3,7,8-PeCDD		84.4	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		85.6	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		81.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		84.9	(23%-140%)
		13C-OCDD		77.5	(17%-157%)
		13C-2,3,7,8-TCDF		83.9	(24%-169%)
		13C-1,2,3,7,8-PeCDF		82.2	(24%-185%)
		13C-2,3,4,7,8-PeCDF		82.9	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		85.0	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		76.4	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		84.9	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		85.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		79.8	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		81.8	(26%-138%)
		37Cl-2,3,7,8-TCDD		89.1	(35%-197%)
8391001	FA28651X-9X	13C-2,3,7,8-TCDD		85.1	(25%-164%)

Hi-Res Dioxins/Furans **Surrogate Recovery Report**

Page 2 of 3

SDG Number: FA28651X

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
8391001	FA28651X-9X	13C-1,2,3,7,8-PeCDD		84.3	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		84.2	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		83.7	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		92.3	(23%-140%)
		13C-OCDD		89.8	(17%-157%)
		13C-2,3,7,8-TCDF		81.1	(24%-169%)
		13C-1,2,3,7,8-PeCDF		84.8	(24%-185%)
		13C-2,3,4,7,8-PeCDF		85.1	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		84.4	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		81.3	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		87.2	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		86.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		86.7	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		87.6	(26%-138%)
		37Cl-2,3,7,8-TCDD		88.6	(35%-197%)
12014740	FA28651X-9X(8391001MS)	13C-2,3,7,8-TCDD		64.4	(25%-164%)
		13C-1,2,3,7,8-PeCDD		66.3	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		64.8	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		62.3	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		67.4	(23%-140%)
		13C-OCDD		65.6	(17%-157%)
		13C-2,3,7,8-TCDF		61.3	(24%-169%)
		13C-1,2,3,7,8-PeCDF		66.1	(24%-185%)
		13C-2,3,4,7,8-PeCDF		67.1	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		63.9	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		60.3	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		62.6	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		64.6	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		65.0	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		64.0	(26%-138%)
		37Cl-2,3,7,8-TCDD		86.5	(35%-197%)
12014741	FA28651X-9X(8391001MSD)	13C-2,3,7,8-TCDD		85.7	(25%-164%)
		13C-1,2,3,7,8-PeCDD		89.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		80.9	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		79.9	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		83.1	(23%-140%)
		13C-OCDD		82.2	(17%-157%)
		13C-2,3,7,8-TCDF		81.8	(24%-169%)
		13C-1,2,3,7,8-PeCDF		87.8	(24%-185%)
		13C-2,3,4,7,8-PeCDF		86.8	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		79.2	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		75.4	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		80.2	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		84.2	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		79.0	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		83.0	(26%-138%)
		37Cl-2,3,7,8-TCDD		89.5	(35%-197%)

* Recovery outside Acceptance Limits

Hi-Res Dioxins/Furans
Surrogate Recovery Report

Page 3 of 3

SDG Number: FA28651X

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
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* Recovery outside Acceptance Limits

Column to be used to flag recovery values

D Sample Diluted

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 1 of 2

SDG Number: FA28651X
Client ID: LCS for batch 30467
Lab Sample ID: 12014738
Instrument: HRP763
Analyst: CLP

Sample Type: Laboratory Control Sample
Matrix: SOIL

Analysis Date: 11/10/2015 22:36
Prep Batch ID: 30467
Batch ID: 30469

Dilution: 1

CAS No.	Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	LCS 2,3,7,8-TCDD	20.0	21.4	107	67-158
40321-76-4	LCS 1,2,3,7,8-PeCDD	100	108	108	70-142
39227-28-6	LCS 1,2,3,4,7,8-HxCDD	100	107	107	70-164
57653-85-7	LCS 1,2,3,6,7,8-HxCDD	100	107	107	76-134
19408-74-3	LCS 1,2,3,7,8,9-HxCDD	100	107	107	64-162
35822-46-9	LCS 1,2,3,4,6,7,8-HpCDD	100	111	111	70-140
3268-87-9	LCS 1,2,3,4,6,7,8,9-OCDD	200	218	109	78-144
51207-31-9	LCS 2,3,7,8-TCDF	20.0	21.0	105	75-158
57117-41-6	LCS 1,2,3,7,8-PeCDF	100	107	107	80-134
57117-31-4	LCS 2,3,4,7,8-PeCDF	100	107	107	68-160
70648-26-9	LCS 1,2,3,4,7,8-HxCDF	100	107	107	72-134
57117-44-9	LCS 1,2,3,6,7,8-HxCDF	100	108	108	84-130
60851-34-5	LCS 2,3,4,6,7,8-HxCDF	100	111	111	70-156
72918-21-9	LCS 1,2,3,7,8,9-HxCDF	100	115	115	78-130
67562-39-4	LCS 1,2,3,4,6,7,8-HpCDF	100	106	106	82-122
55673-89-7	LCS 1,2,3,4,7,8,9-HpCDF	100	113	113	78-138
39001-02-0	LCS 1,2,3,4,6,7,8,9-OCDF	200	224	112	63-170

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 2 of 2

SDG Number: FA28651X
Client ID: LCSD for batch 30467
Lab Sample ID: 12014739
Instrument: HRP763
Analyst: CLP

Sample Type: Laboratory Control Sample Duplicate
Matrix: SOIL

Analysis Date: 11/10/2015 23:24 **Dilution:** 1
Prep Batch ID: 30467
Batch ID: 30469

CAS No.	Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD 2,3,7,8-TCDD	20.0	20.6	103	67-158	3.99	0-20
40321-76-4	LCSD 1,2,3,7,8-PeCDD	100	101	101	70-142	6.36	0-20
39227-28-6	LCSD 1,2,3,4,7,8-HxCDD	100	103	103	70-164	4.38	0-20
57653-85-7	LCSD 1,2,3,6,7,8-HxCDD	100	108	108	76-134	0.989	0-20
19408-74-3	LCSD 1,2,3,7,8,9-HxCDD	100	112	112	64-162	4.50	0-20
35822-46-9	LCSD 1,2,3,4,6,7,8-HpCDD	100	103	103	70-140	6.80	0-20
3268-87-9	LCSD 1,2,3,4,6,7,8,9-OCDD	200	200	99.9	78-144	8.78	0-20
51207-31-9	LCSD 2,3,7,8-TCDF	20.0	19.9	99.7	75-158	5.06	0-20
57117-41-6	LCSD 1,2,3,7,8-PeCDF	100	105	105	80-134	2.51	0-20
57117-31-4	LCSD 2,3,4,7,8-PeCDF	100	99.8	99.8	68-160	7.27	0-20
70648-26-9	LCSD 1,2,3,4,7,8-HxCDF	100	102	102	72-134	4.28	0-20
57117-44-9	LCSD 1,2,3,6,7,8-HxCDF	100	106	106	84-130	2.06	0-20
60851-34-5	LCSD 2,3,4,6,7,8-HxCDF	100	104	104	70-156	6.84	0-20
72918-21-9	LCSD 1,2,3,7,8,9-HxCDF	100	103	103	78-130	10.9	0-20
67562-39-4	LCSD 1,2,3,4,6,7,8-HpCDF	100	104	104	82-122	2.46	0-20
55673-89-7	LCSD 1,2,3,4,7,8,9-HpCDF	100	105	105	78-138	6.86	0-20
39001-02-0	LCSD 1,2,3,4,6,7,8,9-OCDF	200	208	104	63-170	7.10	0-20

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 1 of 2

SDG Number: FA28651X
Client ID: FA28651X-9X(8391001MS)
Lab Sample ID: 12014740
Instrument: HRP763
Analyst: CLP

Sample Type: Matrix Spike
Matrix: SOIL
%Moisture: 14.4
Analysis Date: 11/11/2015 01:51
Prep Batch ID: 30467
Batch ID: 30469
Dilution: 1

CAS No.	Parmname		Amount Added		Spike Conc.	Recovery	Acceptance
			pg/g		pg/g	%	Limits
1746-01-6	MS	2,3,7,8-TCDD	19.6	U	19.8	101	70-130
40321-76-4	MS	1,2,3,7,8-PeCDD	97.8	U	102	104	70-130
39227-28-6	MS	1,2,3,4,7,8-HxCDD	97.8	U	99.9	102	70-130
57653-85-7	MS	1,2,3,6,7,8-HxCDD	97.8	U	101	103	70-130
19408-74-3	MS	1,2,3,7,8,9-HxCDD	97.8	U	102	104	70-130
35822-46-9	MS	1,2,3,4,6,7,8-HpCDD	97.8		137	118	70-130
3268-87-9	MS	1,2,3,4,6,7,8,9-OCDD	196		594	187 *	70-130
51207-31-9	MS	2,3,7,8-TCDF	19.6	U	20.3	104	70-130
57117-41-6	MS	1,2,3,7,8-PeCDF	97.8	U	104	106	70-130
57117-31-4	MS	2,3,4,7,8-PeCDF	97.8	U	101	103	70-130
70648-26-9	MS	1,2,3,4,7,8-HxCDF	97.8	U	100	103	70-130
57117-44-9	MS	1,2,3,6,7,8-HxCDF	97.8	U	102	104	70-130
60851-34-5	MS	2,3,4,6,7,8-HxCDF	97.8	U	106	108	70-130
72918-21-9	MS	1,2,3,7,8,9-HxCDF	97.8	U	103	106	70-130
67562-39-4	MS	1,2,3,4,6,7,8-HpCDF	97.8	U	107	109	70-130
55673-89-7	MS	1,2,3,4,7,8,9-HpCDF	97.8	U	103	106	70-130
39001-02-0	MS	1,2,3,4,6,7,8,9-OCDF	196	U	215	110	70-130

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 2 of 2

SDG Number: FA28651X
Client ID: FA28651X-9X(8391001MSD)
Lab Sample ID: 12014741
Instrument: HRP763
Analyst: CLP

Sample Type: Matrix Spike Duplicate
Matrix: SOIL
%Moisture: 14.4
Analysis Date: 11/11/2015 02:40
Dilution: 1
Prep Batch ID: 30467
Batch ID: 30469

CAS No.	Parmname	Amount Added pg/g		Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	MSD 2,3,7,8-TCDD	19.5	U	20.5	105	70-130	3.26	0-20
40321-76-4	MSD 1,2,3,7,8-PeCDD	97.7	U	99.7	102	70-130	2.27	0-20
39227-28-6	MSD 1,2,3,4,7,8-HxCDD	97.7	U	101	104	70-130	1.47	0-20
57653-85-7	MSD 1,2,3,6,7,8-HxCDD	97.7	U	105	107	70-130	3.75	0-20
19408-74-3	MSD 1,2,3,7,8,9-HxCDD	97.7	U	111	114	70-130	9.23	0-20
35822-46-9	MSD 1,2,3,4,6,7,8-HpCDD	97.7		131	113	70-130	3.76	0-20
3268-87-9	MSD 1,2,3,4,6,7,8,9-OCDD	195		489	133 *	70-130	19.3	0-20
51207-31-9	MSD 2,3,7,8-TCDF	19.5	U	21.2	109	70-130	4.48	0-20
57117-41-6	MSD 1,2,3,7,8-PeCDF	97.7	U	103	105	70-130	0.760	0-20
57117-31-4	MSD 2,3,4,7,8-PeCDF	97.7	U	102	105	70-130	1.62	0-20
70648-26-9	MSD 1,2,3,4,7,8-HxCDF	97.7	U	102	104	70-130	1.64	0-20
57117-44-9	MSD 1,2,3,6,7,8-HxCDF	97.7	U	100	103	70-130	1.96	0-20
60851-34-5	MSD 2,3,4,6,7,8-HxCDF	97.7	U	107	109	70-130	0.946	0-20
72918-21-9	MSD 1,2,3,7,8,9-HxCDF	97.7	U	103	106	70-130	0.105	0-20
67562-39-4	MSD 1,2,3,4,6,7,8-HpCDF	97.7	U	108	111	70-130	1.31	0-20
55673-89-7	MSD 1,2,3,4,7,8,9-HpCDF	97.7	U	103	106	70-130	0.103	0-20
39001-02-0	MSD 1,2,3,4,6,7,8,9-OCDF	195	U	217	111	70-130	1.36	0-20

Method Blank Summary

Page 1 of 1

SDG Number: FA28651X
Client ID: MB for batch 30467
Lab Sample ID: 12014737
Column:

Client: ACCU001
Instrument ID: HRP763
Prep Date: 09-NOV-15

Matrix: SOIL
Data File: b10nov15a_2-3
Analyzed: 11/11/15 00:13

This method blank applies to the following samples and quality control samples:

Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01 LCS for batch 30467	12014738	b10nov15a_2-1	11/10/15	2236
02 LCSD for batch 30467	12014739	b10nov15a_2-2	11/10/15	2324
03 FA28651X-9X	8391001	b10nov15a_2-4	11/11/15	0102
04 FA28651X-9X(8391001MS)	12014740	b10nov15a_2-5	11/11/15	0151
05 FA28651X-9X(8391001MSD)	12014741	b10nov15a_2-6	11/11/15	0240

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 2

SDG Number: FA28651X
Lab Sample ID: 12014737
Client Sample: QC for batch 30467
Client ID: MB for batch 30467
Batch ID: 30469
Run Date: 11/11/2015 00:13
Data File: b10nov15a_2-3
Prep Batch: 30467
Prep Date: 09-NOV-15

Client: ACCU001

Method: EPA Method 1613B
Analyst: CLP

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: ACCU00414
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP763
Dilution: 1

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	1	pg/g	1.00
40321-76-4	1,2,3,7,8-PeCDD	U	5	pg/g	5.00
39227-28-6	1,2,3,4,7,8-HxCDD	U	5	pg/g	5.00
57653-85-7	1,2,3,6,7,8-HxCDD	U	5	pg/g	5.00
19408-74-3	1,2,3,7,8,9-HxCDD	U	5	pg/g	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD	U	5	pg/g	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD	U	10	pg/g	10.0
51207-31-9	2,3,7,8-TCDF	U	1	pg/g	1.00
57117-41-6	1,2,3,7,8-PeCDF	U	5	pg/g	5.00
57117-31-4	2,3,4,7,8-PeCDF	U	5	pg/g	5.00
70648-26-9	1,2,3,4,7,8-HxCDF	U	5	pg/g	5.00
57117-44-9	1,2,3,6,7,8-HxCDF	U	5	pg/g	5.00
60851-34-5	2,3,4,6,7,8-HxCDF	U	5	pg/g	5.00
72918-21-9	1,2,3,7,8,9-HxCDF	U	5	pg/g	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF	U	5	pg/g	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	5	pg/g	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF	U	10	pg/g	10.0
41903-57-5	Total Tetrachlorodibenzo-p-dioxin	U	1	pg/g	1.00
36088-22-9	Total Pentachlorodibenzo-p-dioxin	U	5	pg/g	5.00
34465-46-8	Total Hexachlorodibenzo-p-dioxin	U	5	pg/g	5.00
37871-00-4	Total Heptachlorodibenzo-p-dioxin	U	5	pg/g	5.00
30402-14-3	Total Tetrachlorodibenzofuran	U	1	pg/g	1.00
30402-15-4	Total Pentachlorodibenzofuran	U	5	pg/g	5.00
55684-94-1	Total Hexachlorodibenzofuran	U	5	pg/g	5.00
38998-75-3	Total Heptachlorodibenzofuran	U	5	pg/g	5.00
3333-30-0	TEQ WHO2005 ND=0		0.00	pg/g	
3333-30-1	TEQ WHO2005 ND=0.5		5.70	pg/g	

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		171	200	pg/g	85.5	(25%-164%)
13C-1,2,3,7,8-PeCDD		169	200	pg/g	84.4	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		171	200	pg/g	85.6	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		162	200	pg/g	81.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		170	200	pg/g	84.9	(23%-140%)
13C-OCDD		310	400	pg/g	77.5	(17%-157%)
13C-2,3,7,8-TCDF		168	200	pg/g	83.9	(24%-169%)
13C-1,2,3,7,8-PeCDF		164	200	pg/g	82.2	(24%-185%)
13C-2,3,4,7,8-PeCDF		166	200	pg/g	82.9	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		170	200	pg/g	85.0	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		153	200	pg/g	76.4	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		170	200	pg/g	84.9	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		172	200	pg/g	85.8	(29%-147%)

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 2 of 2

SDG Number:	FA28651X	Client:	ACCU001	Project:	ACCU00414
Lab Sample ID:	12014737			Matrix:	SOIL
Client Sample:	QC for batch 30467				
Client ID:	MB for batch 30467			Prep Basis:	As Received
Batch ID:	30469	Method:	EPA Method 1613B		
Run Date:	11/11/2015 00:13	Analyst:	CLP	Instrument:	HRP763
Data File:	b10nov15a_2-3			Dilution:	1
Prep Batch:	30467	Prep Method:	SW846 3540C		
Prep Date:	09-NOV-15	Prep Aliquot:	10 g		

CAS No.	Parmname	Qual	Result	Units	PQL		
Surrogate/Tracer recovery		Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF			160	200	pg/g	79.8	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF			164	200	pg/g	81.8	(26%-138%)
37Cl-2,3,7,8-TCDD			17.8	20.0	pg/g	89.1	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number: FA28651X
Lab Sample ID: 12014738
Client Sample: QC for batch 30467
Client ID: LCS for batch 30467
Batch ID: 30469
Run Date: 11/10/2015 22:36
Data File: b10nov15a_2-1
Prep Batch: 30467
Prep Date: 09-NOV-15

Client: ACCU001

Method: EPA Method 1613B
Analyst: CLP

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: ACCU00414
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP763
Dilution: 1

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		21.4	pg/g	1.00
40321-76-4	1,2,3,7,8-PeCDD		108	pg/g	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		107	pg/g	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		107	pg/g	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		107	pg/g	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		111	pg/g	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		218	pg/g	10.0
51207-31-9	2,3,7,8-TCDF		21.0	pg/g	1.00
57117-41-6	1,2,3,7,8-PeCDF		107	pg/g	5.00
57117-31-4	2,3,4,7,8-PeCDF		107	pg/g	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		107	pg/g	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		108	pg/g	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		111	pg/g	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		115	pg/g	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		106	pg/g	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		113	pg/g	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		224	pg/g	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		153	200	pg/g	76.5	(20%-175%)
13C-1,2,3,7,8-PeCDD		147	200	pg/g	73.7	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		148	200	pg/g	74.0	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		146	200	pg/g	72.9	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		156	200	pg/g	77.9	(22%-166%)
13C-OCDD		291	400	pg/g	72.6	(13%-199%)
13C-2,3,7,8-TCDF		150	200	pg/g	75.2	(22%-152%)
13C-1,2,3,7,8-PeCDF		150	200	pg/g	75.0	(21%-192%)
13C-2,3,4,7,8-PeCDF		148	200	pg/g	74.1	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		147	200	pg/g	73.6	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		144	200	pg/g	71.9	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		146	200	pg/g	73.2	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		150	200	pg/g	75.2	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		149	200	pg/g	74.3	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		148	200	pg/g	74.0	(20%-186%)
37Cl-2,3,7,8-TCDD		18.1	20.0	pg/g	90.6	(31%-191%)

Comments:

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number:	FA28651X	Client:	ACCU001	Project:	ACCU00414
Lab Sample ID:	12014739			Matrix:	SOIL
Client Sample:	QC for batch 30467				
Client ID:	LCSD for batch 30467			Prep Basis:	As Received
Batch ID:	30469	Method:	EPA Method 1613B		
Run Date:	11/10/2015 23:24	Analyst:	CLP	Instrument:	HRP763
Data File:	b10nov15a_2-2			Dilution:	1
Prep Batch:	30467	Prep Method:	SW846 3540C		
Prep Date:	09-NOV-15	Prep Aliquot:	10 g		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		20.6	pg/g	1.00
40321-76-4	1,2,3,7,8-PeCDD		101	pg/g	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		103	pg/g	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		108	pg/g	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		112	pg/g	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		103	pg/g	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		200	pg/g	10.0
51207-31-9	2,3,7,8-TCDF		19.9	pg/g	1.00
57117-41-6	1,2,3,7,8-PeCDF		105	pg/g	5.00
57117-31-4	2,3,4,7,8-PeCDF		99.8	pg/g	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		102	pg/g	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		106	pg/g	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		104	pg/g	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		103	pg/g	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		104	pg/g	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		105	pg/g	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		208	pg/g	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		133	200	pg/g	66.5	(20%-175%)
13C-1,2,3,7,8-PeCDD		151	200	pg/g	75.5	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		148	200	pg/g	74.0	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		147	200	pg/g	73.3	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		156	200	pg/g	77.8	(22%-166%)
13C-OCDD		301	400	pg/g	75.2	(13%-199%)
13C-2,3,7,8-TCDF		131	200	pg/g	65.6	(22%-152%)
13C-1,2,3,7,8-PeCDF		142	200	pg/g	71.0	(21%-192%)
13C-2,3,4,7,8-PeCDF		153	200	pg/g	76.6	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		151	200	pg/g	75.4	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		145	200	pg/g	72.7	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		155	200	pg/g	77.3	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		159	200	pg/g	79.4	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		153	200	pg/g	76.5	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		153	200	pg/g	76.5	(20%-186%)
37Cl-2,3,7,8-TCDD		14.3	20.0	pg/g	71.3	(31%-191%)

Comments:

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

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SDG Number:	FA28651X	Client:	ACCU001	Project:	ACCU00414
Lab Sample ID:	12014740	Date Collected:	10/21/2015 09:45	Matrix:	SOIL
Client Sample:	QC for batch 30467	Date Received:	10/27/2015 10:30	%Moisture:	14.4
Client ID:	FA28651X-9X(8391001MS)			Prep Basis:	Dry Weight
Batch ID:	30469	Method:	EPA Method 1613B		
Run Date:	11/11/2015 01:51	Analyst:	CLP	Instrument:	HRP763
Data File:	b10nov15a_2-5			Dilution:	1
Prep Batch:	30467	Prep Method:	SW846 3540C		
Prep Date:	09-NOV-15	Prep Aliquot:	11.94 g		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		19.8	pg/g	0.978
40321-76-4	1,2,3,7,8-PeCDD		102	pg/g	4.89
39227-28-6	1,2,3,4,7,8-HxCDD		99.9	pg/g	4.89
57653-85-7	1,2,3,6,7,8-HxCDD		101	pg/g	4.89
19408-74-3	1,2,3,7,8,9-HxCDD		102	pg/g	4.89
35822-46-9	1,2,3,4,6,7,8-HpCDD		137	pg/g	4.89
3268-87-9	1,2,3,4,6,7,8,9-OCDD		594	pg/g	9.78
51207-31-9	2,3,7,8-TCDF		20.3	pg/g	0.978
57117-41-6	1,2,3,7,8-PeCDF		104	pg/g	4.89
57117-31-4	2,3,4,7,8-PeCDF		101	pg/g	4.89
70648-26-9	1,2,3,4,7,8-HxCDF		100	pg/g	4.89
57117-44-9	1,2,3,6,7,8-HxCDF		102	pg/g	4.89
60851-34-5	2,3,4,6,7,8-HxCDF		106	pg/g	4.89
72918-21-9	1,2,3,7,8,9-HxCDF		103	pg/g	4.89
67562-39-4	1,2,3,4,6,7,8-HpCDF		107	pg/g	4.89
55673-89-7	1,2,3,4,7,8,9-HpCDF		103	pg/g	4.89
39001-02-0	1,2,3,4,6,7,8,9-OCDF		215	pg/g	9.78

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		126	196	pg/g	64.4	(25%-164%)
13C-1,2,3,7,8-PeCDD		130	196	pg/g	66.3	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		127	196	pg/g	64.8	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		122	196	pg/g	62.3	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		132	196	pg/g	67.4	(23%-140%)
13C-OCDD		257	391	pg/g	65.6	(17%-157%)
13C-2,3,7,8-TCDF		120	196	pg/g	61.3	(24%-169%)
13C-1,2,3,7,8-PeCDF		129	196	pg/g	66.1	(24%-185%)
13C-2,3,4,7,8-PeCDF		131	196	pg/g	67.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		125	196	pg/g	63.9	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		118	196	pg/g	60.3	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		122	196	pg/g	62.6	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		126	196	pg/g	64.6	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		127	196	pg/g	65.0	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		125	196	pg/g	64.0	(26%-138%)
37Cl-2,3,7,8-TCDD		16.9	19.6	pg/g	86.5	(35%-197%)

Comments:

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number:	FA28651X	Client:	ACCU001	Project:	ACCU00414
Lab Sample ID:	12014741	Date Collected:	10/21/2015 09:45	Matrix:	SOIL
Client Sample:	QC for batch 30467	Date Received:	10/27/2015 10:30	%Moisture:	14.4
Client ID:	FA28651X-9X(8391001MSD)			Prep Basis:	Dry Weight
Batch ID:	30469	Method:	EPA Method 1613B		
Run Date:	11/11/2015 02:40	Analyst:	CLP	Instrument:	HRP763
Data File:	b10nov15a_2-6			Dilution:	1
Prep Batch:	30467	Prep Method:	SW846 3540C		
Prep Date:	09-NOV-15	Prep Aliquot:	11.95 g		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		20.5	pg/g	0.977
40321-76-4	1,2,3,7,8-PeCDD		99.7	pg/g	4.89
39227-28-6	1,2,3,4,7,8-HxCDD		101	pg/g	4.89
57653-85-7	1,2,3,6,7,8-HxCDD		105	pg/g	4.89
19408-74-3	1,2,3,7,8,9-HxCDD		111	pg/g	4.89
35822-46-9	1,2,3,4,6,7,8-HpCDD		131	pg/g	4.89
3268-87-9	1,2,3,4,6,7,8,9-OCDD		489	pg/g	9.77
51207-31-9	2,3,7,8-TCDF		21.2	pg/g	0.977
57117-41-6	1,2,3,7,8-PeCDF		103	pg/g	4.89
57117-31-4	2,3,4,7,8-PeCDF		102	pg/g	4.89
70648-26-9	1,2,3,4,7,8-HxCDF		102	pg/g	4.89
57117-44-9	1,2,3,6,7,8-HxCDF		100	pg/g	4.89
60851-34-5	2,3,4,6,7,8-HxCDF		107	pg/g	4.89
72918-21-9	1,2,3,7,8,9-HxCDF		103	pg/g	4.89
67562-39-4	1,2,3,4,6,7,8-HpCDF		108	pg/g	4.89
55673-89-7	1,2,3,4,7,8,9-HpCDF		103	pg/g	4.89
39001-02-0	1,2,3,4,6,7,8,9-OCDF		217	pg/g	9.77

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		167	195	pg/g	85.7	(25%-164%)
13C-1,2,3,7,8-PeCDD		174	195	pg/g	89.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		158	195	pg/g	80.9	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		156	195	pg/g	79.9	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		162	195	pg/g	83.1	(23%-140%)
13C-OCDD		321	391	pg/g	82.2	(17%-157%)
13C-2,3,7,8-TCDF		160	195	pg/g	81.8	(24%-169%)
13C-1,2,3,7,8-PeCDF		172	195	pg/g	87.8	(24%-185%)
13C-2,3,4,7,8-PeCDF		170	195	pg/g	86.8	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		155	195	pg/g	79.2	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		147	195	pg/g	75.4	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		157	195	pg/g	80.2	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		165	195	pg/g	84.2	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		154	195	pg/g	79.0	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		162	195	pg/g	83.0	(26%-138%)
37Cl-2,3,7,8-TCDD		17.5	19.5	pg/g	89.5	(35%-197%)

Comments:**K Estimated Maximum Possible Concentration**

PCB Congeners Analysis

Case Narrative

**PCBC Case Narrative
Accutest Laboratories (ACCU)
SDG FA28651X
Work Order 8391**

Method/Analysis Information

Product: PCB Congeners (WHO) EPA Method 1668A in Solids
Analytical Method: EPA Method 1668A
Extraction Method: SW846 3540C
Analytical Batch Number: 30380
Clean Up Batch Number: 30379
Extraction Batch Number: 30378

Sample Analysis

The following samples were analyzed using the analytical protocol as established in EPA Method 1668A:

Sample ID	Client ID
8391001	FA28651X-9X
12014620	Method Blank (MB)
12014621	Laboratory Control Sample (LCS)
12014622	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-003 REV# 6.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (ICV or CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement

The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement

The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries

All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery

The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery

The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement

The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation

A matrix spike and matrix spike duplicate analysis was not required for this SDG.

Technical Information

Holding Time Specifications

CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification

All procedures were performed as stated in the SOP.

Sample Dilutions

The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis

Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation

A NCR was not required for this SDG.

Manual Integrations

Manual integrations were required for data files in this SDG. Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction.

System Configuration

This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP875_1	PCB Analysis	PCB Analysis	SPB-Octyl	30m x 0.25mm, 0.25um

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report for

ACCU001 Accutest Laboratories

Client SDG: FA28651X CFA Work Order: 8391

The Qualifiers in this report are defined as follows:

- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- C Congener has coeluters. When Cxxx, refer to congener number xxx for data
- U Analyte was analyzed for, but not detected above the specified detection limit.
- DL Indicates that sample is diluted.
- RA Indicates that sample is re-analyzed without re-extraction.
- RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature: 

Name: Heather Patterson

Date: 13 NOV 2015

Title: Group Leader

PCB Congeners
Certificate of Analysis
Sample Summary

Page 1 of 1

SDG Number: FA28651X
Lab Sample ID: 8391001
Client Sample: 1668A/1613B Soil
Client ID: FA28651X-9X
Batch ID: 30380
Run Date: 11/01/2015 15:49
Data File: d31oct15a_3-6
Prep Batch: 30378
Prep Date: 29-OCT-15

Client: ACCU001
Date Collected: 10/21/2015 09:45
Date Received: 10/27/2015 10:30

Method: EPA Method 1668A
Analyst: MJC

Prep Method: SW846 3540C
Prep Aliquot: 12.03 g

Project: ACCU00414
Matrix: SOIL
%Moisture: 14.4
Prep Basis: Dry Weight

Instrument: HRP875
Dilution: 1
Prep SOP Ref: CF-OA-E-001

CAS No.	Parmname	Qual	Result	Units	PQL
32598-13-3	77-TeCB		104	pg/g	1.94
70362-50-4	81-TeCB		4.32	pg/g	1.94
32598-14-4	105-PeCB		942	pg/g	1.94
74472-37-0	114-PeCB		52.1	pg/g	1.94
31508-00-6	118-PeCB		2080	pg/g	1.94
65510-44-3	123-PeCB		35.2	pg/g	1.94
57465-28-8	126-PeCB		6.99	pg/g	1.94
38380-08-4	156-HxCB	C	342	pg/g	3.88
69782-90-7	157-HxCB	C156			
52663-72-6	167-HxCB		109	pg/g	1.94
32774-16-6	169-HxCB	U	1.94	pg/g	1.94
39635-31-9	189-HpCB		28.9	pg/g	1.94

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-77-TeCB		182	194	pg/g	93.5	(25%-150%)
13C-81-TeCB		181	194	pg/g	93.1	(25%-150%)
13C-105-PeCB		157	194	pg/g	81.0	(25%-150%)
13C-114-PeCB		158	194	pg/g	81.5	(25%-150%)
13C-118-PeCB		162	194	pg/g	83.6	(25%-150%)
13C-123-PeCB		165	194	pg/g	85.1	(25%-150%)
13C-126-PeCB		175	194	pg/g	90.2	(25%-150%)
13C-156-HxCB	C	325	388	pg/g	83.8	(25%-150%)
13C-157-HxCB	C156L					
13C-167-HxCB		163	194	pg/g	83.7	(25%-150%)
13C-169-HxCB		168	194	pg/g	86.4	(25%-150%)
13C-189-HpCB		140	194	pg/g	72.3	(25%-150%)
13C-111-PeCB		161	194	pg/g	83.1	(30%-135%)
13C-178-HpCB		169	194	pg/g	87.1	(30%-135%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Quality Control Summary

PCB Congeners

Surrogate Recovery Report

Page 1 of 2

SDG Number: FA28651X

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12014621	LCS for batch 30378	13C-77-TeCB	C C156L	84.4	(30%-140%)
		13C-81-TeCB		80.6	(30%-140%)
		13C-105-PeCB		96.2	(30%-140%)
		13C-114-PeCB		94.4	(30%-140%)
		13C-118-PeCB		95.2	(30%-140%)
		13C-123-PeCB		95.4	(30%-140%)
		13C-126-PeCB		104	(30%-140%)
		13C-156-HxCB		80.2	(30%-140%)
		13C-157-HxCB			
		13C-167-HxCB		80.1	(30%-140%)
		13C-169-HxCB		90.0	(30%-140%)
		13C-189-HpCB		71.8	(30%-140%)
		13C-111-PeCB		101	(40%-125%)
		13C-178-HpCB		92.8	(40%-125%)
12014622	LCSD for batch 30378	13C-77-TeCB	C C156L	85.3	(30%-140%)
		13C-81-TeCB		83.7	(30%-140%)
		13C-105-PeCB		85.6	(30%-140%)
		13C-114-PeCB		83.6	(30%-140%)
		13C-118-PeCB		83.4	(30%-140%)
		13C-123-PeCB		86.7	(30%-140%)
		13C-126-PeCB		87.5	(30%-140%)
		13C-156-HxCB		76.0	(30%-140%)
		13C-157-HxCB			
		13C-167-HxCB		76.4	(30%-140%)
		13C-169-HxCB		81.0	(30%-140%)
		13C-189-HpCB		68.6	(30%-140%)
		13C-111-PeCB		86.9	(40%-125%)
		13C-178-HpCB		83.1	(40%-125%)
12014620	MB for batch 30378	13C-77-TeCB	C C156L	91.4	(25%-150%)
		13C-81-TeCB		88.5	(25%-150%)
		13C-105-PeCB		84.5	(25%-150%)
		13C-114-PeCB		83.0	(25%-150%)
		13C-118-PeCB		83.1	(25%-150%)
		13C-123-PeCB		85.9	(25%-150%)
		13C-126-PeCB		92.7	(25%-150%)
		13C-156-HxCB		80.7	(25%-150%)
		13C-157-HxCB			
		13C-167-HxCB		81.6	(25%-150%)
		13C-169-HxCB		84.5	(25%-150%)
		13C-189-HpCB		71.8	(25%-150%)
		13C-111-PeCB		91.7	(30%-135%)
		13C-178-HpCB		94.4	(30%-135%)
8391001	FA28651X-9X	13C-77-TeCB		93.5	(25%-150%)
		13C-81-TeCB		93.1	(25%-150%)
		13C-105-PeCB		81.0	(25%-150%)
		13C-114-PeCB		81.5	(25%-150%)
		13C-118-PeCB		83.6	(25%-150%)
		13C-123-PeCB		85.1	(25%-150%)
		13C-126-PeCB		90.2	(25%-150%)

PCB Congeners
Surrogate Recovery Report

Page 2 of 2

SDG Number: FA28651X

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
8391001	FA28651X-9X	13C-156-HxCB	C	83.8	(25%-150%)
		13C-157-HxCB	C156L		
		13C-167-HxCB		83.7	(25%-150%)
		13C-169-HxCB		86.4	(25%-150%)
		13C-189-HpCB		72.3	(25%-150%)
		13C-111-PeCB		83.1	(30%-135%)
		13C-178-HpCB		87.1	(30%-135%)

* Recovery outside Acceptance Limits

Column to be used to flag recovery values

D Sample Diluted

PCB Congeners
Quality Control Summary
Spike Recovery Report

Page 1 of 2

SDG Number: FA28651X
Client ID: LCS for batch 30378
Lab Sample ID: 12014621
Instrument: HRP875
Analyst: MJC

Sample Type: Laboratory Control Sample
Matrix: SOIL
Analysis Date: 10/31/2015 11:08
Dilution: 1
Prep Batch ID: 30378
Batch ID: 30380

			Amount Added		Spike Conc.	Recovery	Acceptance Limits
CAS No.		Parmname	pg/g		pg/g	%	
32598-13-3	LCS	77-TeCB	100		100	100	50-150
70362-50-4	LCS	81-TeCB	100		107	107	50-150
32598-14-4	LCS	105-PeCB	100		126	126	50-150
74472-37-0	LCS	114-PeCB	100		115	115	50-150
31508-00-6	LCS	118-PeCB	100		106	106	50-150
65510-44-3	LCS	123-PeCB	100		99.3	99.3	50-150
57465-28-8	LCS	126-PeCB	100		116	116	50-150
38380-08-4	LCS	156-HxCB	200	C	239	120	50-150
69782-90-7	LCS	157-HxCB		C156			
52663-72-6	LCS	167-HxCB	100		123	123	50-150
32774-16-6	LCS	169-HxCB	100		116	116	50-150
39635-31-9	LCS	189-HpCB	100		108	108	50-150

PCB Congeners
Quality Control Summary
Spike Recovery Report

Page 2 of 2

SDG Number: FA28651X

Client ID: LCSD for batch 30378

Lab Sample ID: 12014622

Instrument: HRP875

Analyst: MJC

Sample Type: Laboratory Control Sample Duplicate

Matrix: SOIL

Analysis Date: 10/31/2015 12:15

Dilution: 1

Prep Batch ID:30378

Batch ID: 30380

CAS No.	Parmname	Amount Added pg/g		Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
32598-13-3	LCSD 77-TeCB	100		103	103	50-150	2.61	0-20
70362-50-4	LCSD 81-TeCB	100		112	112	50-150	4.07	0-20
32598-14-4	LCSD 105-PeCB	100		130	130	50-150	2.75	0-20
74472-37-0	LCSD 114-PeCB	100		116	116	50-150	1.67	0-20
31508-00-6	LCSD 118-PeCB	100		106	106	50-150	0.533	0-20
65510-44-3	LCSD 123-PeCB	100		100	100	50-150	0.740	0-20
57465-28-8	LCSD 126-PeCB	100		121	121	50-150	3.83	0-20
38380-08-4	LCSD 156-HxCB	200	C	243	121	50-150	1.48	0-20
69782-90-7	LCSD 157-HxCB		C156					
52663-72-6	LCSD 167-HxCB	100		127	127	50-150	3.02	0-20
32774-16-6	LCSD 169-HxCB	100		117	117	50-150	1.16	0-20
39635-31-9	LCSD 189-HpCB	100		111	111	50-150	2.63	0-20

Method Blank Summary

Page 1 of 1

SDG Number: FA28651X
Client ID: MB for batch 30378
Lab Sample ID: 12014620
Column:

Client: ACCU001
Instrument ID: HRP875
Prep Date: 29-OCT-15

Matrix: SOIL
Data File: d31oct15a-4
Analyzed: 10/31/15 13:23

This method blank applies to the following samples and quality control samples:

Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01 LCS for batch 30378	12014621	d31oct15a-2	10/31/15	1108
02 LCSD for batch 30378	12014622	d31oct15a-3	10/31/15	1215
03 FA28651X-9X	8391001	d31oct15a_3-6	11/01/15	1549

PCB Congeners
Certificate of Analysis
Sample Summary

Page 1 of 1

SDG Number: FA28651X
Lab Sample ID: 12014620
Client Sample: QC for batch 30378
Client ID: MB for batch 30378
Batch ID: 30380
Run Date: 10/31/2015 13:23
Data File: d31oct15a-4
Prep Batch: 30378
Prep Date: 29-OCT-15

Client: ACCU001

Method: EPA Method 1668A
Analyst: MJC

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: ACCU00414
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP875
Dilution: 1
Prep SOP Ref: CF-OA-E-001

CAS No.	Parmname	Qual	Result	Units	PQL
32598-13-3	77-TeCB	U	2	pg/g	2.00
70362-50-4	81-TeCB	U	2	pg/g	2.00
32598-14-4	105-PeCB	U	2	pg/g	2.00
74472-37-0	114-PeCB	U	2	pg/g	2.00
31508-00-6	118-PeCB	U	2	pg/g	2.00
65510-44-3	123-PeCB	U	2	pg/g	2.00
57465-28-8	126-PeCB	U	2	pg/g	2.00
38380-08-4	156-HxCB	CU	4	pg/g	4.00
69782-90-7	157-HxCB	C156			
52663-72-6	167-HxCB	U	2	pg/g	2.00
32774-16-6	169-HxCB	U	2	pg/g	2.00
39635-31-9	189-HpCB	U	2	pg/g	2.00

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-77-TeCB		183	200	pg/g	91.4	(25%-150%)
13C-81-TeCB		177	200	pg/g	88.5	(25%-150%)
13C-105-PeCB		169	200	pg/g	84.5	(25%-150%)
13C-114-PeCB		166	200	pg/g	83.0	(25%-150%)
13C-118-PeCB		166	200	pg/g	83.1	(25%-150%)
13C-123-PeCB		172	200	pg/g	85.9	(25%-150%)
13C-126-PeCB		185	200	pg/g	92.7	(25%-150%)
13C-156-HxCB	C	323	400	pg/g	80.7	(25%-150%)
13C-157-HxCB	C156L					
13C-167-HxCB		163	200	pg/g	81.6	(25%-150%)
13C-169-HxCB		169	200	pg/g	84.5	(25%-150%)
13C-189-HpCB		144	200	pg/g	71.8	(25%-150%)
13C-111-PeCB		183	200	pg/g	91.7	(30%-135%)
13C-178-HpCB		189	200	pg/g	94.4	(30%-135%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

PCB Congeners
Certificate of Analysis
Sample Summary

Page 1 of 1

SDG Number: FA28651X
Lab Sample ID: 12014621
Client Sample: QC for batch 30378
Client ID: LCS for batch 30378
Batch ID: 30380
Run Date: 10/31/2015 11:08
Data File: d31oct15a-2
Prep Batch: 30378
Prep Date: 29-OCT-15

Client: ACCU001

Method: EPA Method 1668A
Analyst: MJC

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: ACCU00414
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP875
Dilution: 1
Prep SOP Ref: CF-OA-E-001

CAS No.	Parmname	Qual	Result	Units	PQL
32598-13-3	77-TeCB		100	pg/g	2.00
70362-50-4	81-TeCB		107	pg/g	2.00
32598-14-4	105-PeCB		126	pg/g	2.00
74472-37-0	114-PeCB		115	pg/g	2.00
31508-00-6	118-PeCB		106	pg/g	2.00
65510-44-3	123-PeCB		99.3	pg/g	2.00
57465-28-8	126-PeCB		116	pg/g	2.00
38380-08-4	156-HxCB	C	239	pg/g	4.00
69782-90-7	157-HxCB	C156			
52663-72-6	167-HxCB		123	pg/g	2.00
32774-16-6	169-HxCB		116	pg/g	2.00
39635-31-9	189-HpCB		108	pg/g	2.00

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-77-TeCB		169	200	pg/g	84.4	(30%-140%)
13C-81-TeCB		161	200	pg/g	80.6	(30%-140%)
13C-105-PeCB		192	200	pg/g	96.2	(30%-140%)
13C-114-PeCB		189	200	pg/g	94.4	(30%-140%)
13C-118-PeCB		190	200	pg/g	95.2	(30%-140%)
13C-123-PeCB		191	200	pg/g	95.4	(30%-140%)
13C-126-PeCB		207	200	pg/g	104	(30%-140%)
13C-156-HxCB	C	321	400	pg/g	80.2	(30%-140%)
13C-157-HxCB	C156L					
13C-167-HxCB		160	200	pg/g	80.1	(30%-140%)
13C-169-HxCB		180	200	pg/g	90.0	(30%-140%)
13C-189-HpCB		144	200	pg/g	71.8	(30%-140%)
13C-111-PeCB		201	200	pg/g	101	(40%-125%)
13C-178-HpCB		186	200	pg/g	92.8	(40%-125%)

Comments:

PCB Congeners
Certificate of Analysis
Sample Summary

Page 1 of 1

SDG Number: FA28651X
Lab Sample ID: 12014622
Client Sample: QC for batch 30378
Client ID: LCSD for batch 30378
Batch ID: 30380
Run Date: 10/31/2015 12:15
Data File: d31oct15a-3
Prep Batch: 30378
Prep Date: 29-OCT-15

Client: ACCU001

Method: EPA Method 1668A
Analyst: MJC

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: ACCU00414
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP875
Dilution: 1
Prep SOP Ref: CF-OA-E-001

CAS No.	Parmname	Qual	Result	Units	PQL
32598-13-3	77-TeCB		103	pg/g	2.00
70362-50-4	81-TeCB		112	pg/g	2.00
32598-14-4	105-PeCB		130	pg/g	2.00
74472-37-0	114-PeCB		116	pg/g	2.00
31508-00-6	118-PeCB		106	pg/g	2.00
65510-44-3	123-PeCB		100	pg/g	2.00
57465-28-8	126-PeCB		121	pg/g	2.00
38380-08-4	156-HxCB	C	243	pg/g	4.00
69782-90-7	157-HxCB	C156			
52663-72-6	167-HxCB		127	pg/g	2.00
32774-16-6	169-HxCB		117	pg/g	2.00
39635-31-9	189-HpCB		111	pg/g	2.00

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-77-TeCB		171	200	pg/g	85.3	(30%-140%)
13C-81-TeCB		167	200	pg/g	83.7	(30%-140%)
13C-105-PeCB		171	200	pg/g	85.6	(30%-140%)
13C-114-PeCB		167	200	pg/g	83.6	(30%-140%)
13C-118-PeCB		167	200	pg/g	83.4	(30%-140%)
13C-123-PeCB		173	200	pg/g	86.7	(30%-140%)
13C-126-PeCB		175	200	pg/g	87.5	(30%-140%)
13C-156-HxCB	C	304	400	pg/g	76.0	(30%-140%)
13C-157-HxCB	C156L					
13C-167-HxCB		153	200	pg/g	76.4	(30%-140%)
13C-169-HxCB		162	200	pg/g	81.0	(30%-140%)
13C-189-HpCB		137	200	pg/g	68.6	(30%-140%)
13C-111-PeCB		174	200	pg/g	86.9	(40%-125%)
13C-178-HpCB		166	200	pg/g	83.1	(40%-125%)

Comments:



STATE OF GEORGIA
Brian P. Kemp, Secretary of State
Georgia Board of Water & Wastewater Treatment
Wastewater Laboratory Analyst

License No. WWL013516

Status: Active

Ellen W Pampel
6204 Sandcrest Circle
Orlando FL 32819

Expires: 6/30/2017
Issued: 10/15/1993



Real-time license verification is available at sos.georgia.gov/PLB



STATE OF GEORGIA
Brian P. Kemp, Secretary of State
Georgia Board of Water & Wastewater Treatment
Water Laboratory Analyst

License No. WL012348

Status: Active

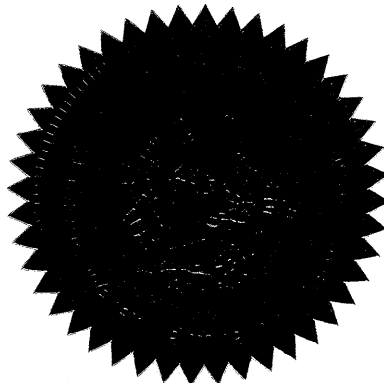
Ellen W Pampel
6204 Sandcrest Circle
Orlando FL 32819

Expires: 6/30/2017
Issued: 1/16/1992



Real-time license verification is available at sos.georgia.gov/PLB

***North Carolina
Department of Health and Human Services
Laboratory Certification***



*in accordance with the provisions of regulations 10A NCAC 42D 0.200
certification for the analysis of drinking water has been granted to*

Cape Fear Analytical
Laboratory Number 37901

For the following analyte group(s)

Synthetic Organic Chemicals

(Refer to recent status sheet)

July 1, 2015

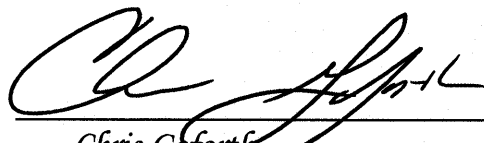
Issue date

July 31, 2016

Expiration date

*Megan Davies, MD
Interim State Health Director*

*Scott J. Zimmerman, DrPh, MPH, HCLD
Director, State Laboratory*


Chris Goforth
Drinking Water Certification

*This laboratory has met the minimum requirements for the certification to analyze drinking water.
This certificate does not guarantee accurate results.*

**North Carolina Department of Health and Human Services
State Laboratory of Public Health**

CAPE FEAR ANALYTICAL, LLC

Lab Number 37901

Effective Date:

July 15, 2015

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)		Method Code	Method
2063	Dioxin Dioxin(2,3,7,8-TCDD)	1613	GC/MS High Res - L/L Cap col

State of Utah
Department of Health
Environmental Laboratory Certification Program
Certification is hereby granted to
Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120
Wilmington, NC 28405

*Has conformed with the
2009 TNI Standard
Scope of accreditation is limited to the
State of Utah accredited fields that accompany
this Certificate*

EPA Number: NC01894
Expiration Date: 8/31/2016
Certificate Number: NC018942015-7



Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory

Continued accredited status depends on successful ongoing participation in the program.





State of Utah

Gary R. Herbert

Governor

Spencer J. Cox

Lieutenant Governor

Utah Department of Health

Dr. Joseph K. Miner

Executive Director

Division of Disease Control and Prevention

Robyn M. Atkinson, Ph.D, HCLD

Director, Utah Public Health Laboratory



EPA Number: **NC01894**

Attachment to Certificate Number: **NC018942015-7**

Page 1 of 23

Cape Fear Analytical, LLC

Start Date Expires AB

Program/Matrix: CWA (Non Potable Water)

Method EPA 1613B

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-TCDD	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT

	Start Date	Expires	AB
Program/Matrix: RCRA (Air & Emissions)			
Method EPA TO-9A			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT

	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
Method EPA 1613B			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT
Method EPA 1668A			
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ-207)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ-196)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6-Octachlorobiphenyl (BZ-197)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ-171)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ-208)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ-198)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ-199)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ-172)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-200)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ-201)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ-173)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ-175)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ-177)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5-Hexachlorobiphenyl (BZ-129)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ-130)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ-176)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6-Hexachlorobiphenyl (BZ-131)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)	9/1/2014	8/31/2016	UT
2,2',3,3',4-Pentachlorobiphenyl (BZ-82)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ-202)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ-178)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5'-Hexachlorobiphenyl (BZ-133)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ-179)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6-Hexachlorobiphenyl (BZ-134)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ-135)	9/1/2014	8/31/2016	UT
2,2',3,3',5-Pentachlorobiphenyl (BZ-83)	9/1/2014	8/31/2016	UT
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ-136)	9/1/2014	8/31/2016	UT
2,2',3,3',6-Pentachlorobiphenyl (BZ-84)	9/1/2014	8/31/2016	UT
2,2',3,3'-Tetrachlorobiphenyl (BZ-40)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ-204)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-181)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ-182)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ-183)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5-Hexachlorobiphenyl (BZ-137)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6-Heptachlorobiphenyl (BZ-184)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6-Hexachlorobiphenyl (BZ-139)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ-140)	9/1/2014	8/31/2016	UT
2,2',3,4,4'-Pentachlorobiphenyl (BZ-85)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ-185)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ-146)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ-186)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ-188)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-142)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-143)	9/1/2014	8/31/2016	UT
2,2',3,4,5',6-Hexachlorobiphenyl (BZ-144)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6-Hexachlorobiphenyl (BZ-147)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6'-Hexachlorobiphenyl (BZ-148)	9/1/2014	8/31/2016	UT
2,2',3,4',5',6-Hexachlorobiphenyl (BZ-149)	9/1/2014	8/31/2016	UT
2,2',3,4,5-Pentachlorobiphenyl (BZ-86)	9/1/2014	8/31/2016	UT
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	9/1/2014	8/31/2016	UT
2,2',3,4',5-Pentachlorobiphenyl (BZ-90)	9/1/2014	8/31/2016	UT
2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)	9/1/2014	8/31/2016	UT
2,2',3,4,6,6'-Hexachlorobiphenyl (BZ-145)	9/1/2014	8/31/2016	UT
2,2',3,4',6,6'-Hexachlorobiphenyl (BZ-150)	9/1/2014	8/31/2016	UT
2,2',3,4,6-Pentachlorobiphenyl (BZ-88)	9/1/2014	8/31/2016	UT
2,2',3,4,6'-Pentachlorobiphenyl (BZ-89)	9/1/2014	8/31/2016	UT
2,2',3,4',6-Pentachlorobiphenyl (BZ-91)	9/1/2014	8/31/2016	UT
2,2',3,4',6'-Pentachlorobiphenyl (BZ-98)	9/1/2014	8/31/2016	UT
2,2',3,4-Tetrachlorobiphenyl (BZ-41)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
2,2',3,4'-Tetrachlorobiphenyl (BZ-42)	9/1/2014	8/31/2016	UT
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ-151)	9/1/2014	8/31/2016	UT
2,2',3,5,5'-Pentachlorobiphenyl (BZ-92)	9/1/2014	8/31/2016	UT
2,2',3,5,6,6'-Hexachlorobiphenyl (BZ-152)	9/1/2014	8/31/2016	UT
2,2',3,5,6-Pentachlorobiphenyl (BZ-93)	9/1/2014	8/31/2016	UT
2,2',3,5,6'-Pentachlorobiphenyl (BZ-94)	9/1/2014	8/31/2016	UT
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	9/1/2014	8/31/2016	UT
2,2',3,5-Tetrachlorobiphenyl (BZ-43)	9/1/2014	8/31/2016	UT
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	9/1/2014	8/31/2016	UT
2,2',3,6,6'-Pentachlorobiphenyl (BZ-96)	9/1/2014	8/31/2016	UT
2,2',3,6-Tetrachlorobiphenyl (BZ-45)	9/1/2014	8/31/2016	UT
2,2',3,6'-Tetrachlorobiphenyl (BZ-46)	9/1/2014	8/31/2016	UT
2,2',3-Trichlorobiphenyl (BZ-16)	9/1/2014	8/31/2016	UT
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9/1/2014	8/31/2016	UT
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ-154)	9/1/2014	8/31/2016	UT
2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	9/1/2014	8/31/2016	UT
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ-155)	9/1/2014	8/31/2016	UT
2,2',4,4',6-Pentachlorobiphenyl (BZ-100)	9/1/2014	8/31/2016	UT
2,2',4,4'-Tetrachlorobiphenyl (BZ-47)	9/1/2014	8/31/2016	UT
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	9/1/2014	8/31/2016	UT
2,2',4,5,6'-Pentachlorobiphenyl (BZ-102)	9/1/2014	8/31/2016	UT
2,2',4,5',6-Pentachlorobiphenyl (BZ-103)	9/1/2014	8/31/2016	UT
2,2',4,5-Tetrachlorobiphenyl (BZ-48)	9/1/2014	8/31/2016	UT
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	9/1/2014	8/31/2016	UT
2,2',4,6,6'-Pentachlorobiphenyl (BZ-104)	9/1/2014	8/31/2016	UT
2,2',4,6-Tetrachlorobiphenyl (BZ-50)	9/1/2014	8/31/2016	UT
2,2',4,6'-Tetrachlorobiphenyl (BZ-51)	9/1/2014	8/31/2016	UT
2,2',4-Trichlorobiphenyl (BZ-17)	9/1/2014	8/31/2016	UT
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	9/1/2014	8/31/2016	UT
2,2',5,6'-Tetrachlorobiphenyl (BZ-53)	9/1/2014	8/31/2016	UT
2,2',5-Trichlorobiphenyl (BZ-18)	9/1/2014	8/31/2016	UT
2,2',6,6'-Tetrachlorobiphenyl (BZ-54)	9/1/2014	8/31/2016	UT
2,2',6-Trichlorobiphenyl (BZ-19)	9/1/2014	8/31/2016	UT
2,2'-Dichlorobiphenyl (BZ-4)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ-205)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ-190)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ-191)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ-157)	9/1/2014	8/31/2016	UT
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	9/1/2014	8/31/2016	UT
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ-192)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ-193)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5'-Hexachlorobiphenyl (BZ-162)	9/1/2014	8/31/2016	UT
2,3,3',4,5,6-Hexachlorobiphenyl (BZ-160)	9/1/2014	8/31/2016	UT
2,3,3',4',5,6-Hexachlorobiphenyl (BZ-163)	9/1/2014	8/31/2016	UT
2,3,3',4',5',6-Hexachlorobiphenyl (BZ-164)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
2,3,3',4,5',6-Hexachlorobiphenyl (BZ-161)	9/1/2014	8/31/2016	UT
2,3,3',4,5-Pentachlorobiphenyl (BZ-106)	9/1/2014	8/31/2016	UT
2,3,3',4',5-Pentachlorobiphenyl (BZ-107)	9/1/2014	8/31/2016	UT
2,3,3',4,5'-Pentachlorobiphenyl (BZ-108)	9/1/2014	8/31/2016	UT
2,3,3',4',5'-Pentachlorobiphenyl (BZ-122)	9/1/2014	8/31/2016	UT
2,3,3',4,6-Pentachlorobiphenyl (BZ-109)	9/1/2014	8/31/2016	UT
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	9/1/2014	8/31/2016	UT
2,3,3',4-Tetrachlorobiphenyl (BZ-55)	9/1/2014	8/31/2016	UT
2,3,3',4'-Tetrachlorobiphenyl (BZ-56)	9/1/2014	8/31/2016	UT
2,3,3',5,5',6-Hexachlorobiphenyl (BZ-165)	9/1/2014	8/31/2016	UT
2,3,3',5,5'-Pentachlorobiphenyl (BZ-111)	9/1/2014	8/31/2016	UT
2,3,3',5,6-Pentachlorobiphenyl (BZ-112)	9/1/2014	8/31/2016	UT
2,3,3',5',6-Pentachlorobiphenyl (BZ-113)	9/1/2014	8/31/2016	UT
2,3,3',5-Tetrachlorobiphenyl (BZ-57)	9/1/2014	8/31/2016	UT
2,3,3',5'-Tetrachlorobiphenyl (BZ-58)	9/1/2014	8/31/2016	UT
2,3,3',6-Tetrachlorobiphenyl (BZ-59)	9/1/2014	8/31/2016	UT
2,3,3'-Trichlorobiphenyl (BZ-20)	9/1/2014	8/31/2016	UT
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	9/1/2014	8/31/2016	UT
2,3,4,4',5,6-Hexachlorobiphenyl (BZ-166)	9/1/2014	8/31/2016	UT
2,3',4,4',5,6-Hexachlorobiphenyl (BZ-168)	9/1/2014	8/31/2016	UT
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	9/1/2014	8/31/2016	UT
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	9/1/2014	8/31/2016	UT
2,3',4,4',5'-Pentachlorobiphenyl (BZ-123)	9/1/2014	8/31/2016	UT
2,3,4,4',6-Pentachlorobiphenyl (BZ-115)	9/1/2014	8/31/2016	UT
2,3',4,4',6-Pentachlorobiphenyl (BZ-119)	9/1/2014	8/31/2016	UT
2,3,4,4'-Tetrachlorobiphenyl (BZ-60)	9/1/2014	8/31/2016	UT
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	9/1/2014	8/31/2016	UT
2,3',4,5,5'-Pentachlorobiphenyl (BZ-120)	9/1/2014	8/31/2016	UT
2,3',4',5,5'-Pentachlorobiphenyl (BZ-124)	9/1/2014	8/31/2016	UT
2,3,4,5,6-Pentachlorobiphenyl (BZ-116)	9/1/2014	8/31/2016	UT
2,3,4',5,6-Pentachlorobiphenyl (BZ-117)	9/1/2014	8/31/2016	UT
2,3',4,5',6-Pentachlorobiphenyl (BZ-121)	9/1/2014	8/31/2016	UT
2,3',4',5',6-Pentachlorobiphenyl (BZ-125)	9/1/2014	8/31/2016	UT
2,3,4,5-Tetrachlorobiphenyl (BZ-61)	9/1/2014	8/31/2016	UT
2,3,4',5-Tetrachlorobiphenyl (BZ-63)	9/1/2014	8/31/2016	UT
2,3',4,5'-Tetrachlorobiphenyl (BZ-68)	9/1/2014	8/31/2016	UT
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	9/1/2014	8/31/2016	UT
2,3',4',5'-Tetrachlorobiphenyl (BZ-76)	9/1/2014	8/31/2016	UT
2,3',4,5-Tetrachlorobiphenyl (BZ-67)	9/1/2014	8/31/2016	UT
2,3,4,6-Tetrachlorobiphenyl (BZ-62)	9/1/2014	8/31/2016	UT
2,3,4',6-Tetrachlorobiphenyl (BZ-64)	9/1/2014	8/31/2016	UT
2,3',4,6-Tetrachlorobiphenyl (BZ-69)	9/1/2014	8/31/2016	UT
2,3',4',6-Tetrachlorobiphenyl (BZ-71)	9/1/2014	8/31/2016	UT
2,3,4-Trichlorobiphenyl (BZ-21)	9/1/2014	8/31/2016	UT
2,3,4'-Trichlorobiphenyl (BZ-22)	9/1/2014	8/31/2016	UT
2,3',4-Trichlorobiphenyl (BZ-25)	9/1/2014	8/31/2016	UT
2,3',4'-Trichlorobiphenyl (BZ-33)	9/1/2014	8/31/2016	UT
2,3',5,5'-Tetrachlorobiphenyl (BZ-72)	9/1/2014	8/31/2016	UT
2,3,5,6-Tetrachlorobiphenyl (BZ-65)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
2,3',5',6-Tetrachlorobiphenyl (BZ-73)	9/1/2014	8/31/2016	UT
2,3,5-Trichlorobiphenyl (BZ-23)	9/1/2014	8/31/2016	UT
2,3',5-Trichlorobiphenyl (BZ-26)	9/1/2014	8/31/2016	UT
2,3',5'-Trichlorobiphenyl (BZ-34)	9/1/2014	8/31/2016	UT
2,3,6-Trichlorobiphenyl (BZ-24)	9/1/2014	8/31/2016	UT
2,3',6-Trichlorobiphenyl (BZ-27)	9/1/2014	8/31/2016	UT
2,3-Dichlorobiphenyl (BZ-5)	9/1/2014	8/31/2016	UT
2,3'-Dichlorobiphenyl (BZ-6)	9/1/2014	8/31/2016	UT
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	9/1/2014	8/31/2016	UT
2,4,4',6-Tetrachlorobiphenyl (BZ-75)	9/1/2014	8/31/2016	UT
2,4,4'-Trichlorobiphenyl (BZ-28)	9/1/2014	8/31/2016	UT
2,4,5-Trichlorobiphenyl (BZ-29)	9/1/2014	8/31/2016	UT
2,4',5-Trichlorobiphenyl (BZ-31)	9/1/2014	8/31/2016	UT
2,4,6-Trichlorobiphenyl (BZ-30)	9/1/2014	8/31/2016	UT
2,4',6-Trichlorobiphenyl (BZ-32)	9/1/2014	8/31/2016	UT
2,4-Dichlorobiphenyl (BZ-7)	9/1/2014	8/31/2016	UT
2,4'-Dichlorobiphenyl (BZ-8)	9/1/2014	8/31/2016	UT
2,5-Dichlorobiphenyl (BZ-9)	9/1/2014	8/31/2016	UT
2,6-Dichlorobiphenyl (BZ-10)	9/1/2014	8/31/2016	UT
2-Chlorobiphenyl (BZ-1)	9/1/2014	8/31/2016	UT
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ-169)	9/1/2014	8/31/2016	UT
3,3',4,4',5-Pentachlorobiphenyl (BZ-126)	9/1/2014	8/31/2016	UT
3,3',4,4'-Tetrachlorobiphenyl (BZ-77)	9/1/2014	8/31/2016	UT
3,3',4,5,5'-Pentachlorobiphenyl (BZ-127)	9/1/2014	8/31/2016	UT
3,3',4,5-Tetrachlorobiphenyl (BZ-78)	9/1/2014	8/31/2016	UT
3,3',4,5'-Tetrachlorobiphenyl (BZ-79)	9/1/2014	8/31/2016	UT
3,3',4-Trichlorobiphenyl (BZ-35)	9/1/2014	8/31/2016	UT
3,3',5,5'-Tetrachlorobiphenyl (BZ-80)	9/1/2014	8/31/2016	UT
3,3',5-Trichlorobiphenyl (BZ-36)	9/1/2014	8/31/2016	UT
3,3'-Dichlorobiphenyl (BZ-11)	9/1/2014	8/31/2016	UT
3,4,4',5-Tetrachlorobiphenyl (BZ-81)	9/1/2014	8/31/2016	UT
3,4,4'-Trichlorobiphenyl (BZ-37)	9/1/2014	8/31/2016	UT
3,4,5-Trichlorobiphenyl (BZ-38)	9/1/2014	8/31/2016	UT
3,4',5-Trichlorobiphenyl (BZ-39)	9/1/2014	8/31/2016	UT
3,4-Dichlorobiphenyl (BZ-12)	9/1/2014	8/31/2016	UT
3,4'-Dichlorobiphenyl (BZ-13)	9/1/2014	8/31/2016	UT
3,5-Dichlorobiphenyl (BZ-14)	9/1/2014	8/31/2016	UT
3-Chlorobiphenyl (BZ-2)	9/1/2014	8/31/2016	UT
4,4'-Dichlorobiphenyl (BZ-15)	9/1/2014	8/31/2016	UT
4-Chlorobiphenyl (BZ-3)	9/1/2014	8/31/2016	UT
Decachlorobiphenyl (BZ-209)	9/1/2014	8/31/2016	UT
PCBs	9/1/2014	8/31/2016	UT
Method EPA 1668C			
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ-207)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ-196)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Non Potable Water)

2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (BZ-197)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ-171)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ-208)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ-198)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ-199)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ-172)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-200)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ-201)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ-173)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ-175)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ-177)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5-Hexachlorobiphenyl (BZ-129)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ-130)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ-176)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6-Hexachlorobiphenyl (BZ-131)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)	9/1/2014	8/31/2016	UT
2,2',3,3',4-Pentachlorobiphenyl (BZ-82)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ-202)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ-178)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5'-Hexachlorobiphenyl (BZ-133)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ-179)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6-Hexachlorobiphenyl (BZ-134)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ-135)	9/1/2014	8/31/2016	UT
2,2',3,3',5-Pentachlorobiphenyl (BZ-83)	9/1/2014	8/31/2016	UT
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ-136)	9/1/2014	8/31/2016	UT
2,2',3,3',6-Pentachlorobiphenyl (BZ-84)	9/1/2014	8/31/2016	UT
2,2',3,3'-Tetrachlorobiphenyl (BZ-40)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ-204)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-181)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ-182)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ-183)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5-Hexachlorobiphenyl (BZ-137)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ-184)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6-Hexachlorobiphenyl (BZ-139)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ-140)	9/1/2014	8/31/2016	UT
2,2',3,4,4'-Pentachlorobiphenyl (BZ-85)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ-185)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ-146)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ-186)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ-188)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-142)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Non Potable Water)			
2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-143)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-144)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6-Hexachlorobiphenyl (BZ-147)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6'-Hexachlorobiphenyl (BZ-148)	9/1/2014	8/31/2016	UT
2,2',3,4',5',6-Hexachlorobiphenyl (BZ-149)	9/1/2014	8/31/2016	UT
2,2',3,4,5-Pentachlorobiphenyl (BZ-86)	9/1/2014	8/31/2016	UT
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	9/1/2014	8/31/2016	UT
2,2',3,4',5-Pentachlorobiphenyl (BZ-90)	9/1/2014	8/31/2016	UT
2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)	9/1/2014	8/31/2016	UT
2,2',3,4,6,6'-Hexachlorobiphenyl (BZ-145)	9/1/2014	8/31/2016	UT
2,2',3,4',6,6'-Hexachlorobiphenyl (BZ-150)	9/1/2014	8/31/2016	UT
2,2',3,4,6-Pentachlorobiphenyl (BZ-88)	9/1/2014	8/31/2016	UT
2,2',3,4,6'-Pentachlorobiphenyl (BZ-89)	9/1/2014	8/31/2016	UT
2,2',3,4',6-Pentachlorobiphenyl (BZ-91)	9/1/2014	8/31/2016	UT
2,2',3,4',6'-Pentachlorobiphenyl (BZ-98)	9/1/2014	8/31/2016	UT
2,2',3,4-Tetrachlorobiphenyl (BZ-41)	9/1/2014	8/31/2016	UT
2,2',3,4'-Tetrachlorobiphenyl (BZ-42)	9/1/2014	8/31/2016	UT
2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	9/1/2014	8/31/2016	UT
2,2',3,5,5'-Pentachlorobiphenyl (BZ-92)	9/1/2014	8/31/2016	UT
2,2',3,5,6,6'-Hexachlorobiphenyl (BZ-152)	9/1/2014	8/31/2016	UT
2,2',3,5,6-Pentachlorobiphenyl (BZ-93)	9/1/2014	8/31/2016	UT
2,2',3,5,6'-Pentachlorobiphenyl (BZ-94)	9/1/2014	8/31/2016	UT
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	9/1/2014	8/31/2016	UT
2,2',3,5-Tetrachlorobiphenyl (BZ-43)	9/1/2014	8/31/2016	UT
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	9/1/2014	8/31/2016	UT
2,2',3,6,6'-Pentachlorobiphenyl (BZ-96)	9/1/2014	8/31/2016	UT
2,2',3,6-Tetrachlorobiphenyl (BZ-45)	9/1/2014	8/31/2016	UT
2,2',3,6'-Tetrachlorobiphenyl (BZ-46)	9/1/2014	8/31/2016	UT
2,2',3-Trichlorobiphenyl (BZ-16)	9/1/2014	8/31/2016	UT
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9/1/2014	8/31/2016	UT
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ-154)	9/1/2014	8/31/2016	UT
2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	9/1/2014	8/31/2016	UT
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ-155)	9/1/2014	8/31/2016	UT
2,2',4,4',6-Pentachlorobiphenyl (BZ-100)	9/1/2014	8/31/2016	UT
2,2',4,4'-Tetrachlorobiphenyl (BZ-47)	9/1/2014	8/31/2016	UT
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	9/1/2014	8/31/2016	UT
2,2',4,5,6'-Pentachlorobiphenyl (BZ-102)	9/1/2014	8/31/2016	UT
2,2',4,5',6-Pentachlorobiphenyl (BZ-103)	9/1/2014	8/31/2016	UT
2,2',4,5-Tetrachlorobiphenyl (BZ-48)	9/1/2014	8/31/2016	UT
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	9/1/2014	8/31/2016	UT
2,2',4,6,6'-Pentachlorobiphenyl (BZ-104)	9/1/2014	8/31/2016	UT
2,2',4,6-Tetrachlorobiphenyl (BZ-50)	9/1/2014	8/31/2016	UT
2,2',4,6'-Tetrachlorobiphenyl (BZ-51)	9/1/2014	8/31/2016	UT
2,2',4-Trichlorobiphenyl (BZ-17)	9/1/2014	8/31/2016	UT
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	9/1/2014	8/31/2016	UT
2,2',5,6'-Tetrachlorobiphenyl (BZ-53)	9/1/2014	8/31/2016	UT
2,2',5-Trichlorobiphenyl (BZ-18)	9/1/2014	8/31/2016	UT
2,2',6,6'-Tetrachlorobiphenyl (BZ-54)	9/1/2014	8/31/2016	UT
2,2',6-Trichlorobiphenyl (BZ-19)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Non Potable Water)

2,2'-Dichlorobiphenyl (BZ-4)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ-205)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ-190)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ-191)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ-157)	9/1/2014	8/31/2016	UT
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	9/1/2014	8/31/2016	UT
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ-192)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ-193)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5'-Hexachlorobiphenyl (BZ-162)	9/1/2014	8/31/2016	UT
2,3,3',4,5,6-Hexachlorobiphenyl (BZ-160)	9/1/2014	8/31/2016	UT
2,3,3',4',5,6-Hexachlorobiphenyl (BZ-163)	9/1/2014	8/31/2016	UT
2,3,3',4',5',6-Hexachlorobiphenyl (BZ-164)	9/1/2014	8/31/2016	UT
2,3,3',4,5',6-Hexachlorobiphenyl (BZ-161)	9/1/2014	8/31/2016	UT
2,3,3',4,5-Pentachlorobiphenyl (BZ-106)	9/1/2014	8/31/2016	UT
2,3,3',4',5-Pentachlorobiphenyl (BZ-107)	9/1/2014	8/31/2016	UT
2,3,3',4,5'-Pentachlorobiphenyl (BZ-108)	9/1/2014	8/31/2016	UT
2,3,3',4',5'-Pentachlorobiphenyl (BZ-122)	9/1/2014	8/31/2016	UT
2,3,3',4,6-Pentachlorobiphenyl (BZ-109)	9/1/2014	8/31/2016	UT
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	9/1/2014	8/31/2016	UT
2,3,3',4-Tetrachlorobiphenyl (BZ-55)	9/1/2014	8/31/2016	UT
2,3,3',4'-Tetrachlorobiphenyl (BZ-56)	9/1/2014	8/31/2016	UT
2,3,3',5,5',6-Hexachlorobiphenyl (BZ-165)	9/1/2014	8/31/2016	UT
2,3,3',5,5'-Pentachlorobiphenyl (BZ-111)	9/1/2014	8/31/2016	UT
2,3,3',5,6-Pentachlorobiphenyl (BZ-112)	9/1/2014	8/31/2016	UT
2,3,3',5',6-Pentachlorobiphenyl (BZ-113)	9/1/2014	8/31/2016	UT
2,3,3',5-Tetrachlorobiphenyl (BZ-57)	9/1/2014	8/31/2016	UT
2,3,3',5'-Tetrachlorobiphenyl (BZ-58)	9/1/2014	8/31/2016	UT
2,3,3',6-Tetrachlorobiphenyl (BZ-59)	9/1/2014	8/31/2016	UT
2,3,3'-Trichlorobiphenyl (BZ-20)	9/1/2014	8/31/2016	UT
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	9/1/2014	8/31/2016	UT
2,3,4,4',5,6-Hexachlorobiphenyl (BZ-166)	9/1/2014	8/31/2016	UT
2,3',4,4',5,6-Hexachlorobiphenyl (BZ-168)	9/1/2014	8/31/2016	UT
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	9/1/2014	8/31/2016	UT
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	9/1/2014	8/31/2016	UT
2,3',4,4',5'-Pentachlorobiphenyl (BZ-123)	9/1/2014	8/31/2016	UT
2,3,4,4',6-Pentachlorobiphenyl (BZ-115)	9/1/2014	8/31/2016	UT
2,3',4,4',6-Pentachlorobiphenyl (BZ-119)	9/1/2014	8/31/2016	UT
2,3,4,4'-Tetrachlorobiphenyl (BZ-60)	9/1/2014	8/31/2016	UT
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	9/1/2014	8/31/2016	UT
2,3',4,5,5'-Pentachlorobiphenyl (BZ-120)	9/1/2014	8/31/2016	UT
2,3',4',5,5'-Pentachlorobiphenyl (BZ-124)	9/1/2014	8/31/2016	UT
2,3,4,5,6-Pentachlorobiphenyl (BZ-116)	9/1/2014	8/31/2016	UT
2,3,4',5,6-Pentachlorobiphenyl (BZ-117)	9/1/2014	8/31/2016	UT
2,3',4,5',6-Pentachlorobiphenyl (BZ-121)	9/1/2014	8/31/2016	UT
2,3',4',5',6-Pentachlorobiphenyl (BZ-125)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Non Potable Water)

2,3,4,5-Tetrachlorobiphenyl (BZ-61)	9/1/2014	8/31/2016	UT
2,3,4',5-Tetrachlorobiphenyl (BZ-63)	9/1/2014	8/31/2016	UT
2,3',4,5'-Tetrachlorobiphenyl (BZ-68)	9/1/2014	8/31/2016	UT
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	9/1/2014	8/31/2016	UT
2,3',4',5'-Tetrachlorobiphenyl (BZ-76)	9/1/2014	8/31/2016	UT
2,3',4,5-Tetrachlorobiphenyl (BZ-67)	9/1/2014	8/31/2016	UT
2,3,4,6-Tetrachlorobiphenyl (BZ-62)	9/1/2014	8/31/2016	UT
2,3,4',6-Tetrachlorobiphenyl (BZ-64)	9/1/2014	8/31/2016	UT
2,3',4,6-Tetrachlorobiphenyl (BZ-69)	9/1/2014	8/31/2016	UT
2,3',4',6-Tetrachlorobiphenyl (BZ-71)	9/1/2014	8/31/2016	UT
2,3,4-Trichlorobiphenyl (BZ-21)	9/1/2014	8/31/2016	UT
2,3,4'-Trichlorobiphenyl (BZ-22)	9/1/2014	8/31/2016	UT
2,3',4-Trichlorobiphenyl (BZ-25)	9/1/2014	8/31/2016	UT
2,3',4'-Trichlorobiphenyl (BZ-33)	9/1/2014	8/31/2016	UT
2,3',5,5'-Tetrachlorobiphenyl (BZ-72)	9/1/2014	8/31/2016	UT
2,3,5,6-Tetrachlorobiphenyl (BZ-65)	9/1/2014	8/31/2016	UT
2,3',5',6-Tetrachlorobiphenyl (BZ-73)	9/1/2014	8/31/2016	UT
2,3,5-Trichlorobiphenyl (BZ-23)	9/1/2014	8/31/2016	UT
2,3',5-Trichlorobiphenyl (BZ-26)	9/1/2014	8/31/2016	UT
2,3',5'-Trichlorobiphenyl (BZ-34)	9/1/2014	8/31/2016	UT
2,3,6-Trichlorobiphenyl (BZ-24)	9/1/2014	8/31/2016	UT
2,3',6-Trichlorobiphenyl (BZ-27)	9/1/2014	8/31/2016	UT
2,3-Dichlorobiphenyl (BZ-5)	9/1/2014	8/31/2016	UT
2,3'-Dichlorobiphenyl (BZ-6)	9/1/2014	8/31/2016	UT
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	9/1/2014	8/31/2016	UT
2,4,4',6-Tetrachlorobiphenyl (BZ-75)	9/1/2014	8/31/2016	UT
2,4,4'-Trichlorobiphenyl (BZ-28)	9/1/2014	8/31/2016	UT
2,4,5-Trichlorobiphenyl (BZ-29)	9/1/2014	8/31/2016	UT
2,4',5-Trichlorobiphenyl (BZ-31)	9/1/2014	8/31/2016	UT
2,4,6-Trichlorobiphenyl (BZ-30)	9/1/2014	8/31/2016	UT
2,4',6-Trichlorobiphenyl (BZ-32)	9/1/2014	8/31/2016	UT
2,4-Dichlorobiphenyl (BZ-7)	9/1/2014	8/31/2016	UT
2,4'-Dichlorobiphenyl (BZ-8)	9/1/2014	8/31/2016	UT
2,5-Dichlorobiphenyl (BZ-9)	9/1/2014	8/31/2016	UT
2,6-Dichlorobiphenyl (BZ-10)	9/1/2014	8/31/2016	UT
2-Chlorobiphenyl (BZ-1)	9/1/2014	8/31/2016	UT
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ-169)	9/1/2014	8/31/2016	UT
3,3',4,4',5-Pentachlorobiphenyl (BZ-126)	9/1/2014	8/31/2016	UT
3,3',4,4'-Tetrachlorobiphenyl (BZ-77)	9/1/2014	8/31/2016	UT
3,3',4,5,5'-Pentachlorobiphenyl (BZ-127)	9/1/2014	8/31/2016	UT
3,3',4,5-Tetrachlorobiphenyl (BZ-78)	9/1/2014	8/31/2016	UT
3,3',4,5'-Tetrachlorobiphenyl (BZ-79)	9/1/2014	8/31/2016	UT
3,3',4-Trichlorobiphenyl (BZ-35)	9/1/2014	8/31/2016	UT
3,3',5,5'-Tetrachlorobiphenyl (BZ-80)	9/1/2014	8/31/2016	UT
3,3',5-Trichlorobiphenyl (BZ-36)	9/1/2014	8/31/2016	UT
3,3'-Dichlorobiphenyl (BZ-11)	9/1/2014	8/31/2016	UT
3,4,4',5-Tetrachlorobiphenyl (BZ-81)	9/1/2014	8/31/2016	UT
3,4,4'-Trichlorobiphenyl (BZ-37)	9/1/2014	8/31/2016	UT
3,4,5-Trichlorobiphenyl (BZ-38)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Non Potable Water)

3,4',5-Trichlorobiphenyl (BZ-39)	9/1/2014	8/31/2016	UT
3,4-Dichlorobiphenyl (BZ-12)	9/1/2014	8/31/2016	UT
3,4'-Dichlorobiphenyl (BZ-13)	9/1/2014	8/31/2016	UT
3,5-Dichlorobiphenyl (BZ-14)	9/1/2014	8/31/2016	UT
3-Chlorobiphenyl (BZ-2)	9/1/2014	8/31/2016	UT
4,4'-Dichlorobiphenyl (BZ-15)	9/1/2014	8/31/2016	UT
4-Chlorobiphenyl (BZ-3)	9/1/2014	8/31/2016	UT
Decachlorobiphenyl (BZ-209)	9/1/2014	8/31/2016	UT
PCBs	9/1/2014	8/31/2016	UT

Method EPA 3520C

Preparation/Extraction	9/1/2014	8/31/2016	UT
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Method EPA 3620B

Preparation/Extraction	9/1/2014	8/31/2016	UT
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Method EPA 3630C

Preparation/Extraction	9/1/2014	8/31/2016	UT
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Method EPA 8290A

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT

	Start Date	Expires	AB
Program/Matrix: RCRA (Solid & Hazardous Material)			
Method EPA 1613B			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT
Method EPA 1668A			
2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ-206)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ-207)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ-196)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6'-Octachlorobiphenyl (BZ-197)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ-171)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ-208)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ-198)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ-199)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ-172)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-200)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-201)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ-173)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ-175)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-177)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5-Hexachlorobiphenyl (BZ-129)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ-130)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Solid & Hazardous Material)

2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ-176)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6-Hexachlorobiphenyl (BZ-131)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)	9/1/2014	8/31/2016	UT
2,2',3,3',4-Pentachlorobiphenyl (BZ-82)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ-202)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ-178)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5'-Hexachlorobiphenyl (BZ-133)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ-179)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6-Hexachlorobiphenyl (BZ-134)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ-135)	9/1/2014	8/31/2016	UT
2,2',3,3',5-Pentachlorobiphenyl (BZ-83)	9/1/2014	8/31/2016	UT
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ-136)	9/1/2014	8/31/2016	UT
2,2',3,3',6-Pentachlorobiphenyl (BZ-84)	9/1/2014	8/31/2016	UT
2,2',3,3'-Tetrachlorobiphenyl (BZ-40)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ-204)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-181)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ-182)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-183)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5-Hexachlorobiphenyl (BZ-137)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ-184)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6-Hexachlorobiphenyl (BZ-139)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ-140)	9/1/2014	8/31/2016	UT
2,2',3,4,4'-Pentachlorobiphenyl (BZ-85)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ-185)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ-187)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-146)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ-186)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ-188)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-142)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-143)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-144)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-147)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-148)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-149)	9/1/2014	8/31/2016	UT
2,2',3,4,5-Pentachlorobiphenyl (BZ-86)	9/1/2014	8/31/2016	UT
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	9/1/2014	8/31/2016	UT
2,2',3,4,5-Pentachlorobiphenyl (BZ-90)	9/1/2014	8/31/2016	UT
2,2',3,4,5'-Pentachlorobiphenyl (BZ-97)	9/1/2014	8/31/2016	UT
2,2',3,4,6,6'-Hexachlorobiphenyl (BZ-145)	9/1/2014	8/31/2016	UT
2,2',3,4,6,6'-Hexachlorobiphenyl (BZ-150)	9/1/2014	8/31/2016	UT
2,2',3,4,6-Pentachlorobiphenyl (BZ-88)	9/1/2014	8/31/2016	UT
2,2',3,4,6'-Pentachlorobiphenyl (BZ-89)	9/1/2014	8/31/2016	UT
2,2',3,4,6-Pentachlorobiphenyl (BZ-91)	9/1/2014	8/31/2016	UT
2,2',3,4,6'-Pentachlorobiphenyl (BZ-98)	9/1/2014	8/31/2016	UT
2,2',3,4-Tetrachlorobiphenyl (BZ-41)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Solid & Hazardous Material)

2,2',3,4'-Tetrachlorobiphenyl (BZ-42)	9/1/2014	8/31/2016	UT
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ-151)	9/1/2014	8/31/2016	UT
2,2',3,5,5'-Pentachlorobiphenyl (BZ-92)	9/1/2014	8/31/2016	UT
2,2',3,5,6'-Hexachlorobiphenyl (BZ-152)	9/1/2014	8/31/2016	UT
2,2',3,5,6-Pentachlorobiphenyl (BZ-93)	9/1/2014	8/31/2016	UT
2,2',3,5,6'-Pentachlorobiphenyl (BZ-94)	9/1/2014	8/31/2016	UT
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	9/1/2014	8/31/2016	UT
2,2',3,5-Tetrachlorobiphenyl (BZ-43)	9/1/2014	8/31/2016	UT
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	9/1/2014	8/31/2016	UT
2,2',3,6,6'-Pentachlorobiphenyl (BZ-96)	9/1/2014	8/31/2016	UT
2,2',3,6-Tetrachlorobiphenyl (BZ-45)	9/1/2014	8/31/2016	UT
2,2',3,6'-Tetrachlorobiphenyl (BZ-46)	9/1/2014	8/31/2016	UT
2,2',3-Trichlorobiphenyl (BZ-16)	9/1/2014	8/31/2016	UT
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9/1/2014	8/31/2016	UT
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ-154)	9/1/2014	8/31/2016	UT
2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	9/1/2014	8/31/2016	UT
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ-155)	9/1/2014	8/31/2016	UT
2,2',4,4',6-Pentachlorobiphenyl (BZ-100)	9/1/2014	8/31/2016	UT
2,2',4,4'-Tetrachlorobiphenyl (BZ-47)	9/1/2014	8/31/2016	UT
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	9/1/2014	8/31/2016	UT
2,2',4,5,6'-Pentachlorobiphenyl (BZ-102)	9/1/2014	8/31/2016	UT
2,2',4,5',6-Pentachlorobiphenyl (BZ-103)	9/1/2014	8/31/2016	UT
2,2',4,5-Tetrachlorobiphenyl (BZ-48)	9/1/2014	8/31/2016	UT
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	9/1/2014	8/31/2016	UT
2,2',4,6,6'-Pentachlorobiphenyl (BZ-104)	9/1/2014	8/31/2016	UT
2,2',4,6-Tetrachlorobiphenyl (BZ-50)	9/1/2014	8/31/2016	UT
2,2',4,6'-Tetrachlorobiphenyl (BZ-51)	9/1/2014	8/31/2016	UT
2,2',4-Trichlorobiphenyl (BZ-17)	9/1/2014	8/31/2016	UT
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	9/1/2014	8/31/2016	UT
2,2',5,6'-Tetrachlorobiphenyl (BZ-53)	9/1/2014	8/31/2016	UT
2,2',5-Trichlorobiphenyl (BZ-18)	9/1/2014	8/31/2016	UT
2,2',6,6'-Tetrachlorobiphenyl (BZ-54)	9/1/2014	8/31/2016	UT
2,2',6-Trichlorobiphenyl (BZ-19)	9/1/2014	8/31/2016	UT
2,2'-Dichlorobiphenyl (BZ-4)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ-205)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ-190)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ-191)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ-157)	9/1/2014	8/31/2016	UT
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	9/1/2014	8/31/2016	UT
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ-192)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ-193)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5'-Hexachlorobiphenyl (BZ-162)	9/1/2014	8/31/2016	UT
2,3,3',4,5,6-Hexachlorobiphenyl (BZ-160)	9/1/2014	8/31/2016	UT
2,3,3',4',5,6-Hexachlorobiphenyl (BZ-163)	9/1/2014	8/31/2016	UT
2,3,3',4',5',6-Hexachlorobiphenyl (BZ-164)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Solid & Hazardous Material)

2,3,3',4,5',6-Hexachlorobiphenyl (BZ-161)	9/1/2014	8/31/2016	UT
2,3,3',4,5-Pentachlorobiphenyl (BZ-106)	9/1/2014	8/31/2016	UT
2,3,3',4',5-Pentachlorobiphenyl (BZ-107)	9/1/2014	8/31/2016	UT
2,3,3',4,5'-Pentachlorobiphenyl (BZ-108)	9/1/2014	8/31/2016	UT
2,3,3',4',5'-Pentachlorobiphenyl (BZ-122)	9/1/2014	8/31/2016	UT
2,3,3',4,6-Pentachlorobiphenyl (BZ-109)	9/1/2014	8/31/2016	UT
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	9/1/2014	8/31/2016	UT
2,3,3',4-Tetrachlorobiphenyl (BZ-55)	9/1/2014	8/31/2016	UT
2,3,3',4'-Tetrachlorobiphenyl (BZ-56)	9/1/2014	8/31/2016	UT
2,3,3',5,5',6-Hexachlorobiphenyl (BZ-165)	9/1/2014	8/31/2016	UT
2,3,3',5,5'-Pentachlorobiphenyl (BZ-111)	9/1/2014	8/31/2016	UT
2,3,3',5,6-Pentachlorobiphenyl (BZ-112)	9/1/2014	8/31/2016	UT
2,3,3',5',6-Pentachlorobiphenyl (BZ-113)	9/1/2014	8/31/2016	UT
2,3,3',5-Tetrachlorobiphenyl (BZ-57)	9/1/2014	8/31/2016	UT
2,3,3',5'-Tetrachlorobiphenyl (BZ-58)	9/1/2014	8/31/2016	UT
2,3,3',6-Tetrachlorobiphenyl (BZ-59)	9/1/2014	8/31/2016	UT
2,3,3'-Trichlorobiphenyl (BZ-20)	9/1/2014	8/31/2016	UT
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	9/1/2014	8/31/2016	UT
2,3,4,4',5,6-Hexachlorobiphenyl (BZ-166)	9/1/2014	8/31/2016	UT
2,3',4,4',5,6-Hexachlorobiphenyl (BZ-168)	9/1/2014	8/31/2016	UT
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	9/1/2014	8/31/2016	UT
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	9/1/2014	8/31/2016	UT
2,3',4,4',5'-Pentachlorobiphenyl (BZ-123)	9/1/2014	8/31/2016	UT
2,3,4,4',6-Pentachlorobiphenyl (BZ-115)	9/1/2014	8/31/2016	UT
2,3',4,4',6-Pentachlorobiphenyl (BZ-119)	9/1/2014	8/31/2016	UT
2,3,4,4'-Tetrachlorobiphenyl (BZ-60)	9/1/2014	8/31/2016	UT
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	9/1/2014	8/31/2016	UT
2,3',4,5,5'-Pentachlorobiphenyl (BZ-120)	9/1/2014	8/31/2016	UT
2,3',4',5,5'-Pentachlorobiphenyl (BZ-124)	9/1/2014	8/31/2016	UT
2,3,4,5,6-Pentachlorobiphenyl (BZ-116)	9/1/2014	8/31/2016	UT
2,3,4',5,6-Pentachlorobiphenyl (BZ-117)	9/1/2014	8/31/2016	UT
2,3',4,5',6-Pentachlorobiphenyl (BZ-121)	9/1/2014	8/31/2016	UT
2,3',4',5',6-Pentachlorobiphenyl (BZ-125)	9/1/2014	8/31/2016	UT
2,3,4,5-Tetrachlorobiphenyl (BZ-61)	9/1/2014	8/31/2016	UT
2,3,4',5-Tetrachlorobiphenyl (BZ-63)	9/1/2014	8/31/2016	UT
2,3',4,5'-Tetrachlorobiphenyl (BZ-68)	9/1/2014	8/31/2016	UT
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	9/1/2014	8/31/2016	UT
2,3',4',5'-Tetrachlorobiphenyl (BZ-76)	9/1/2014	8/31/2016	UT
2,3',4,5-Tetrachlorobiphenyl (BZ-67)	9/1/2014	8/31/2016	UT
2,3,4,6-Tetrachlorobiphenyl (BZ-62)	9/1/2014	8/31/2016	UT
2,3,4',6-Tetrachlorobiphenyl (BZ-64)	9/1/2014	8/31/2016	UT
2,3',4,6-Tetrachlorobiphenyl (BZ-69)	9/1/2014	8/31/2016	UT
2,3',4',6-Tetrachlorobiphenyl (BZ-71)	9/1/2014	8/31/2016	UT
2,3,4-Trichlorobiphenyl (BZ-21)	9/1/2014	8/31/2016	UT
2,3,4'-Trichlorobiphenyl (BZ-22)	9/1/2014	8/31/2016	UT
2,3',4-Trichlorobiphenyl (BZ-25)	9/1/2014	8/31/2016	UT
2,3',4'-Trichlorobiphenyl (BZ-33)	9/1/2014	8/31/2016	UT
2,3',5,5'-Tetrachlorobiphenyl (BZ-72)	9/1/2014	8/31/2016	UT
2,3,5,6-Tetrachlorobiphenyl (BZ-65)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Solid & Hazardous Material)

2,3',5',6-Tetrachlorobiphenyl (BZ-73)	9/1/2014	8/31/2016	UT
2,3,5-Trichlorobiphenyl (BZ-23)	9/1/2014	8/31/2016	UT
2,3',5-Trichlorobiphenyl (BZ-26)	9/1/2014	8/31/2016	UT
2,3',5'-Trichlorobiphenyl (BZ-34)	9/1/2014	8/31/2016	UT
2,3,6-Trichlorobiphenyl (BZ-24)	9/1/2014	8/31/2016	UT
2,3',6-Trichlorobiphenyl (BZ-27)	9/1/2014	8/31/2016	UT
2,3-Dichlorobiphenyl (BZ-5)	9/1/2014	8/31/2016	UT
2,3'-Dichlorobiphenyl (BZ-6)	9/1/2014	8/31/2016	UT
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	9/1/2014	8/31/2016	UT
2,4,4',6-Tetrachlorobiphenyl (BZ-75)	9/1/2014	8/31/2016	UT
2,4,4'-Trichlorobiphenyl (BZ-28)	9/1/2014	8/31/2016	UT
2,4,5-Trichlorobiphenyl (BZ-29)	9/1/2014	8/31/2016	UT
2,4',5-Trichlorobiphenyl (BZ-31)	9/1/2014	8/31/2016	UT
2,4,6-Trichlorobiphenyl (BZ-30)	9/1/2014	8/31/2016	UT
2,4',6-Trichlorobiphenyl (BZ-32)	9/1/2014	8/31/2016	UT
2,4-Dichlorobiphenyl (BZ-7)	9/1/2014	8/31/2016	UT
2,4'-Dichlorobiphenyl (BZ-8)	9/1/2014	8/31/2016	UT
2,5-Dichlorobiphenyl (BZ-9)	9/1/2014	8/31/2016	UT
2,6-Dichlorobiphenyl (BZ-10)	9/1/2014	8/31/2016	UT
2-Chlorobiphenyl (BZ-1)	9/1/2014	8/31/2016	UT
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ-169)	9/1/2014	8/31/2016	UT
3,3',4,4',5-Pentachlorobiphenyl (BZ-126)	9/1/2014	8/31/2016	UT
3,3',4,4'-Tetrachlorobiphenyl (BZ-77)	9/1/2014	8/31/2016	UT
3,3',4,5,5'-Pentachlorobiphenyl (BZ-127)	9/1/2014	8/31/2016	UT
3,3',4,5-Tetrachlorobiphenyl (BZ-78)	9/1/2014	8/31/2016	UT
3,3',4,5'-Tetrachlorobiphenyl (BZ-79)	9/1/2014	8/31/2016	UT
3,3',4-Trichlorobiphenyl (BZ-35)	9/1/2014	8/31/2016	UT
3,3',5,5'-Tetrachlorobiphenyl (BZ-80)	9/1/2014	8/31/2016	UT
3,3',5-Trichlorobiphenyl (BZ-36)	9/1/2014	8/31/2016	UT
3,3'-Dichlorobiphenyl (BZ-11)	9/1/2014	8/31/2016	UT
3,4,4',5-Tetrachlorobiphenyl (BZ-81)	9/1/2014	8/31/2016	UT
3,4,4'-Trichlorobiphenyl (BZ-37)	9/1/2014	8/31/2016	UT
3,4,5-Trichlorobiphenyl (BZ-38)	9/1/2014	8/31/2016	UT
3,4',5-Trichlorobiphenyl (BZ-39)	9/1/2014	8/31/2016	UT
3,4-Dichlorobiphenyl (BZ-12)	9/1/2014	8/31/2016	UT
3,4'-Dichlorobiphenyl (BZ-13)	9/1/2014	8/31/2016	UT
3,5-Dichlorobiphenyl (BZ-14)	9/1/2014	8/31/2016	UT
3-Chlorobiphenyl (BZ-2)	9/1/2014	8/31/2016	UT
4,4'-Dichlorobiphenyl (BZ-15)	9/1/2014	8/31/2016	UT
4-Chlorobiphenyl (BZ-3)	9/1/2014	8/31/2016	UT
Decachlorobiphenyl (BZ-209)	9/1/2014	8/31/2016	UT
PCBs	9/1/2014	8/31/2016	UT

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2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ-207)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ-196)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Solid & Hazardous Material)

2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (BZ-197)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ-171)	9/1/2014	8/31/2016	UT
2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ-208)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ-198)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ-199)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ-172)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-200)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-201)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ-173)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ-175)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ-177)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5-Hexachlorobiphenyl (BZ-129)	9/1/2014	8/31/2016	UT
2,2',3,3',4,5'-Hexachlorobiphenyl (BZ-130)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ-176)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6-Hexachlorobiphenyl (BZ-131)	9/1/2014	8/31/2016	UT
2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)	9/1/2014	8/31/2016	UT
2,2',3,3',4-Pentachlorobiphenyl (BZ-82)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ-202)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ-178)	9/1/2014	8/31/2016	UT
2,2',3,3',5,5'-Hexachlorobiphenyl (BZ-133)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ-179)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6-Hexachlorobiphenyl (BZ-134)	9/1/2014	8/31/2016	UT
2,2',3,3',5,6'-Hexachlorobiphenyl (BZ-135)	9/1/2014	8/31/2016	UT
2,2',3,3',5-Pentachlorobiphenyl (BZ-83)	9/1/2014	8/31/2016	UT
2,2',3,3',6,6'-Hexachlorobiphenyl (BZ-136)	9/1/2014	8/31/2016	UT
2,2',3,3',6-Pentachlorobiphenyl (BZ-84)	9/1/2014	8/31/2016	UT
2,2',3,3'-Tetrachlorobiphenyl (BZ-40)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ-204)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-181)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ-182)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ-183)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5-Hexachlorobiphenyl (BZ-137)	9/1/2014	8/31/2016	UT
2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ-184)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6-Hexachlorobiphenyl (BZ-139)	9/1/2014	8/31/2016	UT
2,2',3,4,4',6'-Hexachlorobiphenyl (BZ-140)	9/1/2014	8/31/2016	UT
2,2',3,4,4'-Pentachlorobiphenyl (BZ-85)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ-185)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9/1/2014	8/31/2016	UT
2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9/1/2014	8/31/2016	UT
2,2',3,4',5,5'-Hexachlorobiphenyl (BZ-146)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ-186)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ-188)	9/1/2014	8/31/2016	UT
2,2',3,4,5,6-Hexachlorobiphenyl (BZ-142)	9/1/2014	8/31/2016	UT

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Program/Matrix: RCRA (Solid & Hazardous Material)

2,2',3,4,5,6'-Hexachlorobiphenyl (BZ-143)	9/1/2014	8/31/2016	UT
2,2',3,4,5',6'-Hexachlorobiphenyl (BZ-144)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6'-Hexachlorobiphenyl (BZ-147)	9/1/2014	8/31/2016	UT
2,2',3,4',5,6'-Hexachlorobiphenyl (BZ-148)	9/1/2014	8/31/2016	UT
2,2',3,4',5',6'-Hexachlorobiphenyl (BZ-149)	9/1/2014	8/31/2016	UT
2,2',3,4,5-Pentachlorobiphenyl (BZ-86)	9/1/2014	8/31/2016	UT
2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	9/1/2014	8/31/2016	UT
2,2',3,4',5-Pentachlorobiphenyl (BZ-90)	9/1/2014	8/31/2016	UT
2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)	9/1/2014	8/31/2016	UT
2,2',3,4,6,6'-Hexachlorobiphenyl (BZ-145)	9/1/2014	8/31/2016	UT
2,2',3,4',6,6'-Hexachlorobiphenyl (BZ-150)	9/1/2014	8/31/2016	UT
2,2',3,4,6-Pentachlorobiphenyl (BZ-88)	9/1/2014	8/31/2016	UT
2,2',3,4,6'-Pentachlorobiphenyl (BZ-89)	9/1/2014	8/31/2016	UT
2,2',3,4',6-Pentachlorobiphenyl (BZ-91)	9/1/2014	8/31/2016	UT
2,2',3,4',6'-Pentachlorobiphenyl (BZ-98)	9/1/2014	8/31/2016	UT
2,2',3,4-Tetrachlorobiphenyl (BZ-41)	9/1/2014	8/31/2016	UT
2,2',3,4'-Tetrachlorobiphenyl (BZ-42)	9/1/2014	8/31/2016	UT
2,2',3,5,5',6'-Hexachlorobiphenyl (BZ-151)	9/1/2014	8/31/2016	UT
2,2',3,5,5'-Pentachlorobiphenyl (BZ-92)	9/1/2014	8/31/2016	UT
2,2',3,5,6,6'-Hexachlorobiphenyl (BZ-152)	9/1/2014	8/31/2016	UT
2,2',3,5,6-Pentachlorobiphenyl (BZ-93)	9/1/2014	8/31/2016	UT
2,2',3,5,6'-Pentachlorobiphenyl (BZ-94)	9/1/2014	8/31/2016	UT
2,2',3,5',6-Pentachlorobiphenyl (BZ-95)	9/1/2014	8/31/2016	UT
2,2',3,5-Tetrachlorobiphenyl (BZ-43)	9/1/2014	8/31/2016	UT
2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	9/1/2014	8/31/2016	UT
2,2',3,6,6'-Pentachlorobiphenyl (BZ-96)	9/1/2014	8/31/2016	UT
2,2',3,6-Tetrachlorobiphenyl (BZ-45)	9/1/2014	8/31/2016	UT
2,2',3,6'-Tetrachlorobiphenyl (BZ-46)	9/1/2014	8/31/2016	UT
2,2',3-Trichlorobiphenyl (BZ-16)	9/1/2014	8/31/2016	UT
2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9/1/2014	8/31/2016	UT
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ-154)	9/1/2014	8/31/2016	UT
2,2',4,4',5-Pentachlorobiphenyl (BZ-99)	9/1/2014	8/31/2016	UT
2,2',4,4',6,6'-Hexachlorobiphenyl (BZ-155)	9/1/2014	8/31/2016	UT
2,2',4,4',6-Pentachlorobiphenyl (BZ-100)	9/1/2014	8/31/2016	UT
2,2',4,4'-Tetrachlorobiphenyl (BZ-47)	9/1/2014	8/31/2016	UT
2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	9/1/2014	8/31/2016	UT
2,2',4,5,6'-Pentachlorobiphenyl (BZ-102)	9/1/2014	8/31/2016	UT
2,2',4,5',6-Pentachlorobiphenyl (BZ-103)	9/1/2014	8/31/2016	UT
2,2',4,5-Tetrachlorobiphenyl (BZ-48)	9/1/2014	8/31/2016	UT
2,2',4,5'-Tetrachlorobiphenyl (BZ-49)	9/1/2014	8/31/2016	UT
2,2',4,6,6'-Pentachlorobiphenyl (BZ-104)	9/1/2014	8/31/2016	UT
2,2',4,6-Tetrachlorobiphenyl (BZ-50)	9/1/2014	8/31/2016	UT
2,2',4,6'-Tetrachlorobiphenyl (BZ-51)	9/1/2014	8/31/2016	UT
2,2',4-Trichlorobiphenyl (BZ-17)	9/1/2014	8/31/2016	UT
2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	9/1/2014	8/31/2016	UT
2,2',5,6'-Tetrachlorobiphenyl (BZ-53)	9/1/2014	8/31/2016	UT
2,2',5-Trichlorobiphenyl (BZ-18)	9/1/2014	8/31/2016	UT
2,2',6,6'-Tetrachlorobiphenyl (BZ-54)	9/1/2014	8/31/2016	UT
2,2',6-Trichlorobiphenyl (BZ-19)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Solid & Hazardous Material)

2,2'-Dichlorobiphenyl (BZ-4)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ-205)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ-189)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ-190)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ-191)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	9/1/2014	8/31/2016	UT
2,3,3',4,4',5'-Hexachlorobiphenyl (BZ-157)	9/1/2014	8/31/2016	UT
2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	9/1/2014	8/31/2016	UT
2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ-192)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ-193)	9/1/2014	8/31/2016	UT
2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9/1/2014	8/31/2016	UT
2,3,3',4',5,5'-Hexachlorobiphenyl (BZ-162)	9/1/2014	8/31/2016	UT
2,3,3',4,5,6-Hexachlorobiphenyl (BZ-160)	9/1/2014	8/31/2016	UT
2,3,3',4',5,6-Hexachlorobiphenyl (BZ-163)	9/1/2014	8/31/2016	UT
2,3,3',4',5',6-Hexachlorobiphenyl (BZ-164)	9/1/2014	8/31/2016	UT
2,3,3',4,5',6-Hexachlorobiphenyl (BZ-161)	9/1/2014	8/31/2016	UT
2,3,3',4,5-Pentachlorobiphenyl (BZ-106)	9/1/2014	8/31/2016	UT
2,3,3',4',5-Pentachlorobiphenyl (BZ-107)	9/1/2014	8/31/2016	UT
2,3,3',4,5'-Pentachlorobiphenyl (BZ-108)	9/1/2014	8/31/2016	UT
2,3,3',4',5'-Pentachlorobiphenyl (BZ-122)	9/1/2014	8/31/2016	UT
2,3,3',4,6-Pentachlorobiphenyl (BZ-109)	9/1/2014	8/31/2016	UT
2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	9/1/2014	8/31/2016	UT
2,3,3',4-Tetrachlorobiphenyl (BZ-55)	9/1/2014	8/31/2016	UT
2,3,3',4'-Tetrachlorobiphenyl (BZ-56)	9/1/2014	8/31/2016	UT
2,3,3',5,5',6-Hexachlorobiphenyl (BZ-165)	9/1/2014	8/31/2016	UT
2,3,3',5,5'-Pentachlorobiphenyl (BZ-111)	9/1/2014	8/31/2016	UT
2,3,3',5,6-Pentachlorobiphenyl (BZ-112)	9/1/2014	8/31/2016	UT
2,3,3',5',6-Pentachlorobiphenyl (BZ-113)	9/1/2014	8/31/2016	UT
2,3,3',5-Tetrachlorobiphenyl (BZ-57)	9/1/2014	8/31/2016	UT
2,3,3',5'-Tetrachlorobiphenyl (BZ-58)	9/1/2014	8/31/2016	UT
2,3,3',6-Tetrachlorobiphenyl (BZ-59)	9/1/2014	8/31/2016	UT
2,3,3'-Trichlorobiphenyl (BZ-20)	9/1/2014	8/31/2016	UT
2,3',4,4',5,5'-Hexachlorobiphenyl (BZ-167)	9/1/2014	8/31/2016	UT
2,3,4,4',5,6-Hexachlorobiphenyl (BZ-166)	9/1/2014	8/31/2016	UT
2,3',4,4',5',6-Hexachlorobiphenyl (BZ-168)	9/1/2014	8/31/2016	UT
2,3,4,4',5-Pentachlorobiphenyl (BZ-114)	9/1/2014	8/31/2016	UT
2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	9/1/2014	8/31/2016	UT
2,3',4,4',5'-Pentachlorobiphenyl (BZ-123)	9/1/2014	8/31/2016	UT
2,3,4,4',6-Pentachlorobiphenyl (BZ-115)	9/1/2014	8/31/2016	UT
2,3',4,4',6-Pentachlorobiphenyl (BZ-119)	9/1/2014	8/31/2016	UT
2,3,4,4'-Tetrachlorobiphenyl (BZ-60)	9/1/2014	8/31/2016	UT
2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	9/1/2014	8/31/2016	UT
2,3',4,5,5'-Pentachlorobiphenyl (BZ-120)	9/1/2014	8/31/2016	UT
2,3',4',5,5'-Pentachlorobiphenyl (BZ-124)	9/1/2014	8/31/2016	UT
2,3,4,5,6-Pentachlorobiphenyl (BZ-116)	9/1/2014	8/31/2016	UT
2,3,4',5,6-Pentachlorobiphenyl (BZ-117)	9/1/2014	8/31/2016	UT
2,3',4,5',6-Pentachlorobiphenyl (BZ-121)	9/1/2014	8/31/2016	UT
2,3',4',5',6-Pentachlorobiphenyl (BZ-125)	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: RCRA (Solid & Hazardous Material)

2,3,4,5-Tetrachlorobiphenyl (BZ-61)	9/1/2014	8/31/2016	UT
2,3,4',5-Tetrachlorobiphenyl (BZ-63)	9/1/2014	8/31/2016	UT
2,3',4,5'-Tetrachlorobiphenyl (BZ-68)	9/1/2014	8/31/2016	UT
2,3',4',5-Tetrachlorobiphenyl (BZ-70)	9/1/2014	8/31/2016	UT
2,3',4',5'-Tetrachlorobiphenyl (BZ-76)	9/1/2014	8/31/2016	UT
2,3',4,5-Tetrachlorobiphenyl (BZ-67)	9/1/2014	8/31/2016	UT
2,3,4,6-Tetrachlorobiphenyl (BZ-62)	9/1/2014	8/31/2016	UT
2,3,4',6-Tetrachlorobiphenyl (BZ-64)	9/1/2014	8/31/2016	UT
2,3',4,6-Tetrachlorobiphenyl (BZ-69)	9/1/2014	8/31/2016	UT
2,3',4',6-Tetrachlorobiphenyl (BZ-71)	9/1/2014	8/31/2016	UT
2,3,4-Trichlorobiphenyl (BZ-21)	9/1/2014	8/31/2016	UT
2,3,4'-Trichlorobiphenyl (BZ-22)	9/1/2014	8/31/2016	UT
2,3',4-Trichlorobiphenyl (BZ-25)	9/1/2014	8/31/2016	UT
2,3',4'-Trichlorobiphenyl (BZ-33)	9/1/2014	8/31/2016	UT
2,3',5,5'-Tetrachlorobiphenyl (BZ-72)	9/1/2014	8/31/2016	UT
2,3,5,6-Tetrachlorobiphenyl (BZ-65)	9/1/2014	8/31/2016	UT
2,3',5',6-Tetrachlorobiphenyl (BZ-73)	9/1/2014	8/31/2016	UT
2,3,5-Trichlorobiphenyl (BZ-23)	9/1/2014	8/31/2016	UT
2,3',5-Trichlorobiphenyl (BZ-26)	9/1/2014	8/31/2016	UT
2,3',5'-Trichlorobiphenyl (BZ-34)	9/1/2014	8/31/2016	UT
2,3,6-Trichlorobiphenyl (BZ-24)	9/1/2014	8/31/2016	UT
2,3',6-Trichlorobiphenyl (BZ-27)	9/1/2014	8/31/2016	UT
2,3-Dichlorobiphenyl (BZ-5)	9/1/2014	8/31/2016	UT
2,3'-Dichlorobiphenyl (BZ-6)	9/1/2014	8/31/2016	UT
2,4,4',5-Tetrachlorobiphenyl (BZ-74)	9/1/2014	8/31/2016	UT
2,4,4',6-Tetrachlorobiphenyl (BZ-75)	9/1/2014	8/31/2016	UT
2,4,4'-Trichlorobiphenyl (BZ-28)	9/1/2014	8/31/2016	UT
2,4,5-Trichlorobiphenyl (BZ-29)	9/1/2014	8/31/2016	UT
2,4',5-Trichlorobiphenyl (BZ-31)	9/1/2014	8/31/2016	UT
2,4,6-Trichlorobiphenyl (BZ-30)	9/1/2014	8/31/2016	UT
2,4',6-Trichlorobiphenyl (BZ-32)	9/1/2014	8/31/2016	UT
2,4-Dichlorobiphenyl (BZ-7)	9/1/2014	8/31/2016	UT
2,4'-Dichlorobiphenyl (BZ-8)	9/1/2014	8/31/2016	UT
2,5-Dichlorobiphenyl (BZ-9)	9/1/2014	8/31/2016	UT
2,6-Dichlorobiphenyl (BZ-10)	9/1/2014	8/31/2016	UT
2-Chlorobiphenyl (BZ-1)	9/1/2014	8/31/2016	UT
3,3',4,4',5,5'-Hexachlorobiphenyl (BZ-169)	9/1/2014	8/31/2016	UT
3,3',4,4',5-Pentachlorobiphenyl (BZ-126)	9/1/2014	8/31/2016	UT
3,3',4,4'-Tetrachlorobiphenyl (BZ-77)	9/1/2014	8/31/2016	UT
3,3',4,5,5'-Pentachlorobiphenyl (BZ-127)	9/1/2014	8/31/2016	UT
3,3',4,5-Tetrachlorobiphenyl (BZ-78)	9/1/2014	8/31/2016	UT
3,3',4,5'-Tetrachlorobiphenyl (BZ-79)	9/1/2014	8/31/2016	UT
3,3',4-Trichlorobiphenyl (BZ-35)	9/1/2014	8/31/2016	UT
3,3',5,5'-Tetrachlorobiphenyl (BZ-80)	9/1/2014	8/31/2016	UT
3,3',5-Trichlorobiphenyl (BZ-36)	9/1/2014	8/31/2016	UT
3,3'-Dichlorobiphenyl (BZ-11)	9/1/2014	8/31/2016	UT
3,4,4',5-Tetrachlorobiphenyl (BZ-81)	9/1/2014	8/31/2016	UT
3,4,4'-Trichlorobiphenyl (BZ-37)	9/1/2014	8/31/2016	UT
3,4,5-Trichlorobiphenyl (BZ-38)	9/1/2014	8/31/2016	UT

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	Start Date	Expires	AB
Program/Matrix: RCRA (Solid & Hazardous Material)			
3,4',5-Trichlorobiphenyl (BZ-39)	9/1/2014	8/31/2016	UT
3,4-Dichlorobiphenyl (BZ-12)	9/1/2014	8/31/2016	UT
3,4'-Dichlorobiphenyl (BZ-13)	9/1/2014	8/31/2016	UT
3,5-Dichlorobiphenyl (BZ-14)	9/1/2014	8/31/2016	UT
3-Chlorobiphenyl (BZ-2)	9/1/2014	8/31/2016	UT
4,4'-Dichlorobiphenyl (BZ-15)	9/1/2014	8/31/2016	UT
4-Chlorobiphenyl (BZ-3)	9/1/2014	8/31/2016	UT
Decachlorobiphenyl (BZ-209)	9/1/2014	8/31/2016	UT
PCBs	9/1/2014	8/31/2016	UT
Method EPA 3540C			
Preparation/Extraction	9/1/2014	8/31/2016	UT
Method EPA 3620B			
Preparation/Extraction	9/1/2014	8/31/2016	UT
Method EPA 3630C			
Preparation/Extraction	9/1/2014	8/31/2016	UT
Method EPA 8290A			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT

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Start Date	Expires	AB
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Program/Matrix: SDWA (Potable Water)**Method EPA 1613B**

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9/1/2014	8/31/2016	UT
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	9/1/2014	8/31/2016	UT
2,3,4,6,7,8-Hexachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,4,7,8-Pentachlorodibenzofuran	9/1/2014	8/31/2016	UT
2,3,7,8-TCDD	9/1/2014	8/31/2016	UT
2,3,7,8-Tetrachlorodibenzofuran	9/1/2014	8/31/2016	UT
Hpcdd, total	9/1/2014	8/31/2016	UT
Hpcdf, total	9/1/2014	8/31/2016	UT
Hxcdd, total	9/1/2014	8/31/2016	UT
Hxcdf, total	9/1/2014	8/31/2016	UT
Pecdd, total	9/1/2014	8/31/2016	UT
Pecdf, total	9/1/2014	8/31/2016	UT
TCDD, total	9/1/2014	8/31/2016	UT
TCDF, total	9/1/2014	8/31/2016	UT

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.