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November 2, 2015

Dr. Montague McPherson
Georgia Department of Natural Resources
Response and Remediation Program
Suite 1462 East Tower
2 Martin Luther King, Jr. Drive, S.E.
Atlanta, Georgia 30334-9000

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

Dear Mr. McPherson:

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

Enclosed are the following material:

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

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

Sincerely,

ENVIRONMENTAL INTERNATIONAL CORPORATION


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

Cc: Christopher Novack, GPA

CERTIFICATION AND SUPPORTING DOCUMENTS

**Sixth VIRP Semi-annual Progress Report
Georgia Ports Authority-Bainbridge Terminal
HSI Site No. 10071
November 2, 2015**

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

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

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

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

11 / 2 / 15
Date

Signature and Stamp



HSI SITE 10071, GEORGIA PORTS AUTHORITY-BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

November 2, 2015

Submitted To:

GEORGIA ENVIRONMENTAL PROTECTION DIVISION

Georgia Department of Natural Resources

Response and Remediation Program

Suite 1462 East Tower
2 Martin Luther King Jr. Drive, S.E.
Atlanta, Georgia 30334

Prepared for:

GEORGIA PORTS AUTHORITY

P.O. Box 2406
Savannah, Georgia 31402

Prepared by:

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- A. September 2015 Well Purging and Sampling Field Logs
- B. September 2015 Groundwater Analytical Results
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1. Introduction

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

1.1 PRIMARY OBJECTIVES

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

- Addressing comments from EPD
- Continued evaluation of COC trends in groundwater
- Groundwater Modeling
- Management of Contaminated Soils

2. EPD Comment Letter

GPA received a letter from the EPD, dated October 6, 2015 (EPD, 2015), that commented on GPA's Fourth and Fifth VIRP Semi-Annual Progress Reports. The following sections address each EPD comment.

EPD Comment 1

EPD concurs that the North Parcel has been remediated and meets Type 4 risk reduction standards (RRS). EPD is in the process of evaluating Georgia Gulf Sulfur's response from a previous EPD request that soil and groundwater data be provided for the area north of the road on their property to complete delineation to the north.

Response: Noted.

EPD Comment 2

Laboratory analytical results for soil samples collected at MW-22 were not submitted in the previous or current Progress Reports as requested in Comment # 8 of EPD's November 2, 2012 comment letter; please submit these results.

Response: The subject report with these analytical results was included in the Second VIRP Semi-annual Progress Report submitted to EPD dated October 30, 2013.

EPD Comment 3

Figure 4-1 in the 5th VIRP Progress Report - The southwest portion of warehouse 3 in AOC 2 at location NW-SB-06 has not been horizontally delineated for alpha, beta and delta-BHC. However, as discussed in the August 25, 2015 meeting, further horizontal delineation may not be required if the Uniform Environmental Covenant (UEC) extends and defines the area subject to engineering controls (ECs) and institutional controls (ICs) as all concrete covered areas surrounding the exterior of the warehouses up to the fence installed around AOC 1. This area would need to be defined in a surveyed legal description, defined in the UEC and subject to annual Maintenance and Monitoring inspections and reporting.

Response: GPA is currently in the process of preparing a Uniform Environmental Covenant (UEC) that extends and defines the area subject to engineering controls (ECs)



and institutional controls (ICs). This area will comprise Warehouses number 2 and 3 and all concrete and asphalt covered surfaces surrounding the exterior of these warehouses and leading up to the fence installed around AOC 1. This area will be defined in a surveyed legal description, defined in the UEC and subject to annual Maintenance and Monitoring inspections and reporting. Additional discussions in this regard, are included in Section 4.

EPD Comment 4

In both reports, EPD has noted that MW-13 and newly installed well MW-23 have exceedances above Type 4 RRS for beta-BHC and concurs that delineation is not completed in this area near the Flint River. To demonstrate that no negative surface water impacts or exceedances of the current Georgia In Stream Water Quality Standards (ISWQSs), as provided in Section 391 -3-6-.03(5) of the Georgia Water Quality Control Act, are occurring in the Flint River, site-specific mixing zone calculations should be developed that show the maximum concentrations in the plume predicted to reach the Flint River. The source concentration that might be used in the mixing zone calculations could be the same maximum concentration for beta BHC (5,000 µg/L) that has been used in the Analytical Contaminant Transport Analysis System (ACTS) modeling, or a more representative value.

Response: EIC is in the process of conducting mixing zone calculations as required by the EPD. However, the maximum concentrations for beta BHC at 5,000 µg/L that was used in the ACTS model would not be representative of the concentrations along the river shoreline of the Flint River. A review of the historic plume maps clearly substantiates much lower concentrations near the river. EIC will therefore utilize the maximum leading edge concentrations from the data collected from MW-23 to calculate the mixing zone values.

EPD Comment 5

EPD does not agree with the plumes drawn in Figures 3-6 (March 2014), Figure 3-7 (September 2014) and Figure 6-4 (May 2015) for the beta-BHC plume. These data do not represent two distinct plumes and the isoconcentration contours should be drawn as one plume.

Response: In response to EPD's comments, EIC completed a further evaluation of the plume contours. As part of the evaluation, EIC prepared Figure 2-1, which superimposes the beta-BHC COC concentration contours over the groundwater potentiometric surface map for the September 2015 sampling event. Based on this evaluation, it is apparent that a separate beta-BHC plume exists in the area of MW-13. GPA will further evaluate the historical data and hydrogeological data to determine the plume configuration.



EPD Comment 6

Based on Comment # 1 in EPD's November 2, 2012 letter and subsequent to discussions during the August 25, 2015 meeting, consideration should be given to including Agrium parcels with pesticide impacts in groundwater as qualifying properties under the Act and a streamlined groundwater UEC be developed for these parcels as part of the final site remedy.

Response: Considering that a substantial source of BHC has originated from a source hydraulically upgradient of the GPA property – as consistently defined in numerous sampling events – GPA does not believe that GPA was contributory to the pesticide impacts on Agrium parcels. As such, as explained during our meeting on August 25, 2015, the GPA does not plan to include Agrium parcels under its groundwater UEC currently in preparation



3. Groundwater Monitoring

During the third quarter of 2015, EIC conducted a semi-annual groundwater monitoring event. Under the approved VIRP (EIC, 2012), all available monitoring wells are being utilized for the monitored natural attenuation (MNA) remedial approach. In addition, EIC conducted groundwater modeling to evaluate the fate and transport of BHC constituents. The following subsections describe the monitoring and the modeling programs.

3.1 GROUNDWATER MONITORING FIELD PROGRAM

In September 2015, EIC conducted groundwater monitoring at all 25 available monitoring wells. Two of the monitoring wells (MW-14 and MW-17) are historically defined as “deep wells”, as the top of the well screen of each well lies at a depth at or greater than 50 feet below ground surface (bgs). The groundwater samples collected from site monitoring wells were analyzed for pesticide COCs. The analyses included the primary COC benzenehexachloride (BHC) composed of isomers, α -BHC, β -BHC, δ -BHC, and γ -BHC (Lindane). A site layout map including monitoring well locations is illustrated in Figure 3-1. In preparing this map, EIC plotted the monitoring well locations based on the latest monitoring well survey conducted in March of 2015 (EIC, 2015).

3.1.1 Sampling Protocol

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

3.1.2 Site Access

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

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

3.1.3 Field Procedures

3.1.3.1 Groundwater Gauging

Prior to sampling, EIC gauged each well with a Solinst Model 122 interface meter (“oil/water interface probe”) to determine the static depth to groundwater. EIC utilized top-of-casing (TOC) elevations from the most recent well survey to determine the current groundwater elevations. The gauging data from the September 2015 monitoring event is summarized in Table 3-1.

3.1.3.2 Groundwater Sampling

Prior to initiating well monitoring field activities in September, EIC placed a non-hazardous label on an empty 55-gallon drum that was previously staged on the north side of the T-Shed by GPA. This drum was labeled with the shipper noted as “Georgia Ports Authority”, contents noted as “IDW Well Purge Water”, and accumulation date noted as “09/14/2015” and was used to containerize investigative derived waste (IDW) purge water throughout the event.

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

EIC calculated the appropriate Teflon tubing length and intake depth for each well by considering the following monitoring well characteristics: the field-measured depth to groundwater, the field-measured height of the well TOC relative to the ground surface, the established field-measured depth-to-bottom, and the documented well total depth and screened interval from well construction logs.

Following the SOP SESDPROC-301-R3 (EPA, 2013), EIC set the tubing intake at approximately the center of the wetted screen interval. The initial pump speed was set based on well recharge and time for groundwater quality standards to reach stabilization, based on previous sampling events, to limit drawdown and purge time at each well. In the event that the recharge rate was anomalous compared to previous sampling events, the pump speed was adjusted accordingly and noted on the field purging data forms.

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



Groundwater samples were then collected by filling sample bottles with water discharged directly from the pump.

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

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

3.2 QUALITY ASSURANCE AND QUALITY CONTROL

During the groundwater sampling event in September 2015, EIC collected additional samples for quality assurance (QA) and for the validation of analytical results. For organochlorine pesticides laboratory matrix spike analysis, one additional sample each from wells MW-19 and MW-22 was collected. A duplicate sample from well MW-10, and an equipment rinsate (blank) sample were also collected. The equipment blank sample was collected by pumping de-ionized water through a 10-foot section of Teflon-lined tubing and approximately 6-inches of silicone tubing.

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

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

3.2.1 QA Evaluation

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



3.3 DATA EVALUATION

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

3.3.1 Groundwater Potentiometric Map

Utilizing gauging data summarized in Table 3-1 from the September 2015 groundwater monitoring event, EIC prepared a groundwater potentiometric surface map, illustrated in Figure 3-2. For comparative purposes, the contour interval utilized for the groundwater potentiometric surface analyses was identical to those prepared from previous sampling events documented in previous semi-annual reports. Referring to Figure 3-2, it is apparent that groundwater continues to flow to the southeast towards the Flint River.

Table 3-4 shows historical and current groundwater potentiometric surface elevations for all wells at the site as well as statistical data for each monitoring event. Referring to Table 3-4, the average calculated groundwater elevation across the site for the September 2015 gauging event was 77.25 ft. This value is slightly below the calculated global average groundwater elevation (77.98 ft.) listed in Table 3-4 and is approximately the same as the previous September 2014 event. This continues to support the general trend of seasonal groundwater fluctuation apparent at the site since the initiation of the VIRP monitoring program. The total range of elevation difference for this event was calculated to be 0.80 ft. whereas the previous September 2014 total range was 1.13 ft. This indicates that the overall gradient occurring during the September 2015 event was lower than the September 2014 event.

3.3.2 Horizontal Extent of COC Plumes

Figures 3-3 through 3-5 illustrate the horizontal extent of the BHC plumes comprised of alpha-BHC, beta-BHC, and delta-BHC isomers during September 2015. For trend analysis, EIC utilized the same isoconcentration contour intervals as those illustrated in the VIRP submittal and in subsequent plume renderings. Additionally, the contours that illustrate delineation criterion and the RRS limits define the horizontal extent of pesticides and the extent of COC plumes that require remediation.

3.3.2.1 Alpha-BHC Plume

From Figure 3-3, both the concentration and horizontal extent of the alpha-BHC plume have remained relatively stable over time compared to the March 2013 baseline. During the September 2015 sampling event, there were two apparent peaks in concentration above RRS. The highest concentration was determined to be in the area of MW-6 (0.92 µg /L) and MW-5A (0.59 µg /L) with the second comparable concentration in the area of MW-22 (0.580 µg/L). The outer limits



of the plume were defined by surrounding relatively low concentrations at wells MW-1, MW-1A, MW-3, MW-7, MW-12, MW-13, MW-15, MW-16, MW-18, and MW-23. As such, it is apparent from Figure 3-3, that the alpha-BHC plume above RRS is horizontally delineated towards the southwest, south towards the Flint River, southeast, and northeast. However, the plume is not horizontally defined to the northwest and upgradient beyond Spring Creek Road.

3.3.2.2 Beta-BHC Plume

Figure 3-4 illustrates the horizontal extent of the beta-BHC plume during the September 2015 monitoring event. From Figure 3-4, both the concentration and horizontal extent of the alpha-BHC plume have remained relatively stable over time compared to the March 2013 baseline. The highest concentrations of beta-BHC plume was detected near MW-22 (32 µg/L), which is located hydraulically up-gradient of the GPA property and to the north of Spring Creek Road.

As discussed in previous semi-annual reports, concentrations of beta-BHC continue to fluctuate in a seasonal pattern in the area of MW-5A and MW-5D. Typically, concentrations increase during lower water table months such as in September and decrease during higher water table months such as in March. During the September 2015 sampling event, concentrations at wells MW-5A and MW-5D followed the same historical trend with increases in detected concentrations from the March 2015 event that are comparable to the concentrations detected during the September 2014 event.

Near the Flint River at MW-23, the Beta-BHC concentrations were again above RRS. The concentrations near this area, however, have remained relatively stable over time with slight decreases in concentration compared to the September 2014 sampling event, which was the first event in which MW-23 was sampled.

In September 2015, a smaller secondary plume was observed in the vicinity of MW-13 with a concentration of 3.8 µg/L. Since the baseline sampling event in March 2013, EIC has considered this to be a secondary plume separate from the larger primary plume at the site, as the location of this plume relative to known source areas and the groundwater flow direction at the site do not indicate that the plume is associated with the primary plume. Groundwater sampled from the newly installed well MW-24 during the March 2015 and September 2015 sampling events suggests that the secondary plume surrounding MW-13 does not reach MW-24.

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

3.3.2.3 Delta-BHC Plume

Figure 3-5 illustrates the horizontal extent of the delta-BHC plume during the September 2015 monitoring event. Compared to the baseline sampling event, the delta-BHC plume has remained relatively stable over time. In September 2015, the highest concentration detected of the delta-

BHC plume occurred near MW-22 (4.5 µg/L). Figure 3-5 illustrates that the horizontal delineation of the delta-BHC plume relative to RRS is complete, except to the north beyond Spring Creek Road.

3.3.3 Vertical Extent of COC Plumes

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

Referring to Table 3-3, following historical trends, the concentrations of alpha-BHC, beta-BHC, and delta-BHC at wells MW-14 and MW-17, have remained below RRS through the September 2015 sampling event. As discussed in the Fourth Semi-annual report (EIC, 2014), EPD concurs with EIC that the vertical limit of the BHC plume has been defined.

3.3.4 BHC Plume Stability

Based on the findings in Sections 3.3.1 through 3.3.3, it is apparent that the BHC plume has remained stable in vertical and horizontal extent over time. EIC will continue to evaluate data from subsequent groundwater monitoring events to further define plume trends and to determine the potential impact from groundwater fluctuations.

3.4 GROUNDWATER MODELING

GPA has completed vadose zone and groundwater transport modeling tasks utilizing the Analytical Contaminant Transport Analysis System (ACTS). The results of this modeling program were presented during a progress report meeting held at EPD on August 25, 2015. A follow-up meeting is currently pending with the EPD to further review the modeling process and obtain concurrence with EIC's findings.

In the August 25, 2015 meeting, EPD also required GPA to conduct a mixing zone analysis to determine whether potential groundwater seepage would impair the water quality in the Flint River in excess of the instream water quality criteria. EIC has completed this task utilizing the maximum leading edge concentrations and aquifer parameters from seven sampling events since the initiation of the VIRP. Based on this analysis, it was apparent that the resulting river concentrations of potential mixing of contaminated groundwater would be substantially lower than the instream water quality standards. EIC will present these findings during the EPD meeting being scheduled.



4. Management of Contaminated Soils

The EPD approved management of contaminated soils in the South Parcel using site covenants and engineering controls - thus eliminating the need for further excavation, avoiding exposure of site workers, visitors, on-site employees, and of the general public to BHC contamination. Based on previous sampling events, soil contamination was limited to three distinct areas of concern known as AOC-1, AOC-2, and AOC-3. The following subsections define the status of each AOC and the follow-up tasks defined in the VIRP.

4.1 AREA OF CONCERN 1 (AOC-1)

The GPA defined the horizontal extent of soil contamination within AOC 1. As discussed in the third VIRP Semi-annual progress report dated April 30, 2014, GPA installed security fencing with a 20-foot buffer zone around the aerial extent of AOC 1 as an engineering control.

4.2 AREA OF CONCERN 2 (AOC-2)

Completed additional soil sampling to delineate the horizontal extent of soil contamination within AOC 2. The horizontal extent was delineated in all directions - except to the south where a small area lies beneath paved areas and buildings. Since contaminated soil in AOC-2 lies beneath a concrete slab and asphalt pavement, potential exposure to visitors is already eliminated. Direct exposure to site workers and employees will be controlled with site covenants, as discussed in Section 4.5 below.

4.3 AREA OF CONCERN 3 (AOC-3)

As stated in the Third VIRP Semi-annual Report, dated April 2014 (EIC, 2014a), GPA conducted additional soil sampling activities in AOC-3 area and determined that the soils were delineated below the risk reduction standards. In a follow-up letter, EPD concurred that no additional remedial actions were required in this area and that AOC-3 was effectively no longer a concern.

4.4 SITE COVENANTS

As discussed in Section 2, GPA is currently in the process of preparing a Uniform Environmental Covenant (UEC) pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-

16-1, et seq. as institutional controls. The UEC will clearly outline the area subject to engineering controls (ECs) and institutional controls (ICs). The AOC-1 area includes the entire parcel within a 20-foot buffer of the fenced in area. The AOC-2 area includes the area beneath Warehouse numbers 2 and 3 and the surrounding concrete and asphalt covered surfaces leading up to the fence installed around AOC-1. The limits of the concrete/asphalt covered surfaces included in AOC-2 was defined from the original boundaries drawn in the VIRP document and soil sampling data derived from historical reports (Law 1999, 2001, and 2002), prepared under previous site investigations identified in Figure 4-1 entitled: Proposed Horizontal Covenant Limits for AOC-2. All restricted areas will be defined in a surveyed legal description, defined in the UEC and subject to annual Maintenance and Monitoring inspections and reporting.

4.5 MAINTENANCE AND MONITORING PLAN

GPA included an Operations and Maintenance (O&M) plan for the fence line installed around AOC-1 in the Third VIRP Semi-annual Report of April 2014 (EIC, 2014a) and included a description of a Health and Safety Briefing for GPA employees regarding AOC-1 in the Fourth Semi-annual report of October 2014 (EIC, 2014a). GPA is currently preparing a Maintenance and Monitoring Plan for both AOCs 1 and 2. In this plan, the AOCs will be defined according to a UEC and the plan will incorporate the fence line O&M plan for AOC-1, as well as health and safety considerations for GPA employees, contractors, and visitors at both AOCs 1 and 2. The plan will also include a Soil Management Plan for both AOCs 1 and 2. The plan will include a description of a UEC monument to be installed by GPA (see Section 4.6 following). This plan is currently being prepared and will be included in a subsequent semi-annual report.

4.6 MONUMENT

Consistent with the UEC requirements, GPA will install a permanent monument in a conspicuous location notifying GPA employees, contractors, and visitors about the site covenants and restrictions pertaining to BHC soil contamination. The area covenants and restrictions will be incorporated into all land disturbance contracts issued by GPA for future site redevelopment actions. This mechanism will be utilized to eliminate exposure via routine surficial contact, as well as exposure to construction workers or underground utility workers conducting soil excavation activities.



5. Summary

During the six-month period from May 2015 through October 2015, EIC has successfully completed various tasks to meet the primary objectives set forth in the VIRP. The following is a summary of various tasks conducted during this six-month period.

EIC has responded to all of the EPD's comments presented in a letter dated October 6, 2015. As stated in Section 2, additional tasks are currently being performed to address EPD's comments.

In September 2015, EIC completed the second 2015 semi-annual sampling program. The results of the sampling program indicate that the site conditions are consistent with previous site observations concerning the measurements of COC concentrations and groundwater flow characteristics. As of the September 2015 sampling event, the alpha-BHC and delta-BHC groundwater plumes above RRS remain delineated within the site boundaries except to the north of the site boundary beyond Spring Creek Road. The beta-BHC plume above RRS is delineated towards the east and west of the site but remains undefined to the south towards the Flint River in the vicinity of MW-23 and to the north beyond Spring Creek Road. Based on EPD's October 6, 2015 comments, GPA will switch to an annual groundwater sampling program.

Based on several groundwater sampling events, it is apparent that the BHC groundwater plume is relatively stable. EIC conducted vadose zone and groundwater transport modeling to further evaluate the long-term migration potential. A meeting is currently being scheduled with EPD to obtain concurrence with the modeling approach and results. In addition, EPD required GPA to conduct a mixing zone analysis to determine whether the BHC contaminated groundwater plume presents a risk to the instream water quality in the Flint River. The results of this analysis will be presented in the EPD modeling meeting to obtain concurrence.

Consistent with the steps outlined in the VIRP, GPA has completed the horizontal delineation of the soil contamination in all three areas of concern. GPA has also installed a fence around AOC-1, prepared a Fence line Operation and Maintenance Plan, conducted a health and safety briefing for GPA employees regarding AOC-1, and is in the process of preparing a Management and Monitoring Plan for both AOCs 1 and 2. Currently, GPA is in the process of preparing site covenants consistent with UEC format for AOCs 1 and 2. The GPA is also in the process of procuring a monument to be installed in a conspicuous location within AOCs 1 and 2. Upon

completion of these tasks, GPA will have accomplished all of the milestones outlined in the VIRP for the management of contaminated soils.



6. Summary of Hours

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

7. References

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HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

TABLES

Table 3-1: Well Gauging Data for September 2015 Monitoring Event

Well ID # (Well Diameter, in.)	TOC Elevation*	DTW	DTB**	Groundwater Surface Elevation	Notes
	ft.	ft.	ft.	ft.	
MW-1 (2)	105.22	27.93	32.80	77.29	
MW-1A (2)	105.33	28.04	36.81	77.29	
MW-2 (2)	98.86	21.66	29.20	77.20	
MW-3 (2)	97.12	19.93	27.32	77.19	
MW-4U (2)	103.51	26.26	32.38	77.25	
MW-5A (2)	96.67	19.45	22.82	77.22	
MW-5D (2)	96.12	18.88	24.88	77.24	
MW-6 (2)	102.25	24.95	51.81	77.30	
MW-7 (2)	98.10	20.68	22.25	77.42	
MW-8 (2)	93.54	16.36	21.96	77.18	
MW-9 *** (2)	NL	NA	NA	NA	
MW-10 (2)	99.83	22.32	30.75	77.51	
MW-11 (2)	100.87	23.48	27.50	77.39	
MW-12 (2)	94.06	17.23	22.53	76.83	
MW-13 (2)	93.55	16.84	22.03	76.71	
MW-14 (2)	102.11	24.78	71.50	77.33	
MW-15 (2)	98.13	20.83	21.51	77.30	
MW-16 (2)	97.15	19.65	23.83	77.50	
MW-17 (2)	93.65	16.42	60.45	77.23	
MW-18 (2)	95.56	18.18	32.83	77.38	
MW-19 (2)	96.6	19.30	32.43	77.30	
MW-20 (2)	96.57	19.10	32.88	77.47	
MW-21 (2)	97.55	20.11	31.50	77.44	
MW-22 (2)	98.88	21.38	33.54	77.50	
MW-23 (2)	93.61	16.63	24.00	76.98	
MW-24 (2)	93.07	16.21	22.81	76.86	

Notes:

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

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

** Depth to bottom of all wells except MW-17 were measured utilizing the interface meter after purging in March 2015. MW-17 was similarly gauged on 9/14/15.

*** Well Not Located

TOC = Top of Casing

DTW = Depth to Water below TOC

DTB = Depth to Bottom below TOC

NA = Not Applicable

NM = Not Measured

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Groundwater Quality Field Parameters					
		Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-1 (2)	7/13/2011	NM	3.65	618.00	NM	0.00	2.91
	3/28/2013	17.07	3.36	574.00	0.462	1.40	2.95
	6/4/2013	22.64	3.35	510.00	0.452	29.60	3.13
	9/3/2013	20.54	3.58	392.00	0.48	0.00	4.31
	12/3/2013	18.45	3.47	358.00	0.72	2.20	4.58
	3/25/2014	19.10	4.07	377.00	0.55	0.00	4.99
	9/4/2014	23.21	3.70	382.00	0.63	4.50	4.99
	3/3/2015	18.94	3.06	354.00	0.51	0.00	2.65
	9/15/2015	23.20	3.48	321.00	0.41	0.00	2.64
MW-1A (2)	7/13/2011	NM	3.79	572.00	NM	4.30	2.28
	3/28/2013	16.35	3.43	583.00	0.548	1.50	2.80
	6/4/2013	21.86	3.41	494.00	0.595	3.80	2.52
	9/3/2013	21.7	3.61	386.00	0.662	2.10	2.89
	12/3/2013	19.01	3.45	340.00	0.916	1.90	2.46
	3/25/2014	17.97	4.01	400.00	0.761	0.00	2.26
	9/4/2014	22.15	3.78	372.00	0.818	35.40	3.61
	3/3/2015	20.02	3.17	334.00	0.704	0.00	1.80
	9/15/2015	21.78	3.48	331.00	0.51	0.00	2.27
MW-2 (2)	7/14/2011	NM	4.24	544.00	NM	0.00	0.83
	3/28/2013	18.47	4.60	499.00	0.049	0.70	4.72
	6/3/2013	21.40	4.30	391.00	0.059	6.10	3.45
	9/4/2013	20.32	4.63	245.00	0.053	0.00	3.37
	12/4/2013	18.84	4.46	294.00	0.076	0.00	1.37
	3/25/2014	17.33	4.84	295.00	0.065	0.00	4.16
	9/3/2014	18.94	3.86	226.00	0.075	0.00	1.16
	3/2/2015	18.38	4.14	275.00	0.066	0.00	2.58
	9/14/2015	19.41	4.45	268.00	0.076	0.00	0.79
MW-3 (2)	3/28/2013	NL	NL	NL	NL	NL	NL
	6/4/2013	NS	NS	NS	NS	NS	NS
	9/5/2013	21.77	4.90	240.00	0.057	31.00	4.38
	12/4/2013	18.49	5.05	275.00	0.074	0.00	6.27
	3/25/2014	19.18	5.57	220.00	0.065	0.00	6.43
	9/4/2014	19.98	4.65	231.00	0.072	17.50	4.97
	3/3/2015	16.34	4.47	665.00	0.077	0.00	7.00
	9/15/2015	20.00	4.78	223.00	0.067	0.00	4.04

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

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

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

Notes:

Field parameters were recorded by EIC from December 2013 to September 2015, after parameters had stabilized and prior to sample collection.

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

SU = Standard Unit

mV = Millivolts

mS/cm = Microsiemens per centimeter

NTU = Nephelometric Turbidity Unit

mg/L = Milligrams per liter

NL = Well not located

NS = Well not sampled

NM = Field Parameter not measured

DRY = Well was dry and therefore not sampled

Table 3-3: Groundwater Pesticides Data Summary

Test Method SW-846 8081B		alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma- Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
Site-Specific RRS Values		0.5		1.6		0.1		2.6				0.2								8.4						12				8.4													
Type RRS		4		4		4		4				4						4		4				4		4		4		4		4		4		4		4		4			
Well ID	Sample Date	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag		
MW-1	4/15/2008	0.010	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	8/5/2009	0.095		0.113		0.051	U	0.065		0.051	U	0.051	U	0.051	U	0.00462	J	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	7/13/2011	0.051	U	0.1	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.103		0.102	U	0.102	U	0.0092	J	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.008	U	0.00722	U	0.00742	U	0.00722	U	0.01320	U	0.0105	U	0.00856	U	0.00814	U	0.000464	U	0.00835	U	0.01160	U	0.00928	U	0.00856	U	0.01000	U	0.01150	U	0.0108	U	0.00835	U	0.00722	U	0.00835	U	0.00742	U	0.00515	U
	3/25/2014	0.003	U	0.00232	U	0.00131	U	0.00169	U	0.00551	U	0.00323	U	0.00142	U	0.00099	U	0.001500	U	0.00598	U	0.00144	U	0.00175	U	0.00298	U	0.00115	U	0.03430	U	0.00176	U	0.00341	U	0.00484	U	0.00326	U	0.00141	U	0.0762	U
	9/4/2014	0.0343	J	0.231		0.002	U	0.0362	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/3/2015	0.0101	U	0.0023	UF	0.002	UF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.004300	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
9/15/2015	0.0034	U	0.0090	U	0.0074	U	0.0035	U	0.00700	U	0.0071	U	0.00360	U	0.00340	U	0.003700	U	0.005	U	0.00520	U	0.00410	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00000	U	0.09400	U	0.09400	U	0.00450	U	0.39	U	
MW-1A	9/1/2001	0.100	U	0.1	U	0.1	U	0.1	U	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/15/2008	0.010	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	8/5/2009	0.092		0.158		0.051	U	0.063		0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	7/13/2011	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.102	U	0.51	U	0.102	U	0.051	U	0.051	U	0.102	U	5.1	U
	3/28/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/4/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.008	U	0.00711	U	0.00731	U	0.00711	U	0.01300	U	0.0104	U	0.00843	U	0.00802	U	0.000457	U	0.00822	U	0.01150	U	0.00914	U	0.00843	U	0.00985	U	0.01140	U	0.0107	U	0.00822	U	0.00711	U	0.00822	U	0.00731	U	0.00508	U
	3/25/2014	0.003	U	0.00237	U	0.00134	U	0.00173	U	0.00562	U	0.00329	U	0.00145	U	0.00101	U	0.001530	U	0.0061	U	0.00147	U	0.00179	U	0.00304	U	0.00117	U	0.03500	U	0.0018	U	0.00347	U	0.00494	U	0.00333	U	0.00144	U	0.0777	U
	9/4/2014	0.0234	J	0.161		0.0046	J	0.0213	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860									

Table 3-3: Groundwater Pesticides Data Summary

Test Method SW-846 8081B		alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma- Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
Site-Specific RRS Values Type RRS		0.5 4		1.6 4		0.1 4		2.6 4				0.2 4								8.4 4						12 4				8.4 4													
Well ID	Sample Date	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag		
MW-6	9/1/2001	1.840		1.39		2.22		0.31		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	4/1/2002	1.200		1		3.6		0.11		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM			
	4/14/2008	1.700		1.1		3.5		0.0079	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U		
	8/4/2009	2.360		1.7		6.7		0.505	U	0.505	U	0.505	U	0.505	U	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	5.05	U	1.01	U	0.505	U	0.505	U	0.505	U	1.01	U	50.5	U		
	7/12/2011	2.500		2.5		7.9		0.526	U	0.526	U	0.526	U	0.526	U	1.05	U	1.05	U	1.05	U	1.05	U	1.05	U	1.05	U	5.26	U	1.05	U	0.526	U	0.526	U	1.05	U	52.6	U				
	4/5/2012	1.400		1.6		2.54	UBL	0.253	U	0.253	U	0.253	U	0.253	U	0.505	U	0.505	U	0.505	U	0.505	U	0.505	U	0.505	U	2.53	U	0.505	U	0.253	U	0.253	U	0.505	U	25.3	U				
	11/20/2012	1.400	*	1.3	*	2.6	*	0.013	J***	0.0049	U	0.0049	U	0.0049	U	0.0049	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0098	U	0.0098	U	0.0098	U	0.0098	U	0.0049	U	0.0049	U	0.0098	U	0.98	U		
	3/26/2013	1.290		1.32		2.53		0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	1.230		1.36		1.69		0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	1.510	D	1.61	D	2.33	D	0.0143	J	2.22	D	0.0106	J	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/5/2013	1.680		1.67		2.71	DX	0.035		0.0142	U	0.0113	U	0.00922	U	0.00878	U	0.000522	J	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.008	U	0.00556	U
	3/26/2014	0.797		1.16		1.98		0.00173	U	0.00562	U	0.00329	U	0.00145	U	0.00101	U	0.00153	U	0.0061	U	0.00147	U	0.00179	U	0.00304	U	0.00117	U	0.03500	U	0.0018	U	0.00347	U	0.00494	U	0.00333	U	0.00144	U	0.0777	U
	9/8/2014	0.907	D	1.15	D	1.81	D	0.00158	U	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.00426	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/4/2015	0.348		0.594	F	1.17	DF	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	UF	0.423	U
	9/16/2015	0.92		1.3		2.1	P	0.014	JP	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0097	U	0.00610	U	0.09400	U	0.09400	U	0.00460	U	0.40	U
MW-7	9/1/2001	20.510		3.23		1.35		2.66		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	6/1/2002	4.300		1.2		1		1.3		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM			
	4/14/2008	0.580		0.4		0.021	J	0.032	J	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.52	U
	8/5/2009	0.137		0.564		0.051	U	0.129		0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.00823	J	0.101	U	5.05	U
	3/27/2013	0.030	J	0.273		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/3/2013	0.002	U	0.489		0.0009	U	0.0524		0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.061		0.365		0.002	U	0.0332	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.023		0.31		0.0126	J	0.0487		0.01420	U	0.0113	U	0.00922	U	0.00878	U	0.00184	J	0.009	U	0.01260	U	0.01000	U	0.00922	U	0.01080	U	0.01240	U	0.0117	U	0.00900	U	0.00778	U	0.00900	U	0.008	U	0.00556	U
	3/26/2014	0.018		0.264		0.00133	U	0.034		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U	0.00604	U	0.00146	U																				

Table 3-3: Groundwater Pesticides Data Summary

Test Method SW-846 8081B		alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma- Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
Site-Specific RRS Values Type RRS		0.5		1.6		0.1		2.6				0.2								8.4						12				8.4													
		4		4		4		4				4								4						4				4													
Well ID	Sample Date	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag		
MW-12	4/1/2002	0.390		1.3		0.43		0.18		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	6/1/2002	0.400		1.4		0.3		0.1		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM			
	4/15/2008	0.034		0.44		0.022	J	0.024	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U		
	7/14/2011	0.026	J	0.663		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U		
	4/5/2012	0.017	J	0.750		0.027	J	0.012	J	0.052	U	0.052	U	0.052	U	0.052	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.515	U	0.103	U	0.052	U	0.052	U	0.103	U	5.15	U		
	11/20/2012	0.013	J	0.710		0.01	J	0.0094	J	0.005	U	0.0049	U	0.0049	U	0.0049	U	0.0097	U	0.0097	U	0.0097	U	0.0049	U	0.0097	U	0.0097	U	0.0097	U	0.0049	U	0.0049	U	0.0097	U	0.97	U				
	3/26/2013	0.002	U	0.359		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	0.037	J	0.633		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022		0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/3/2013	0.015	J	0.847		0.002	U	0.00783	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	0.077	U	0.601		0.075	U	0.0729	U	0.13300	U	0.106	U	0.08650	U	0.08230	U	0.00469	U	0.0844	U	0.11800	U	0.09380	U	0.08650	U	0.10100	U	0.11700	U	0.109	U	0.08440	U	0.07290	U	0.08440	U	0.07500	U	0.0521	U
	3/26/2014	0.010		0.539		0.00532		0.0138		0.00556	U	0.00326	U	0.00144	U	0.00100	U	0.00151	U	0.00604	U	0.00146	U	0.00177	U	0.00301	U	0.00116	U	0.03470	U	0.00178	U	0.00344	U	0.00489	U	0.00329	U	0.00143	U	0.0769	NM
	9/2/2014	0.0227	J	0.660		0.0093	J	0.0107	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	3/4/2015	0.0101	U	0.086	F	0.002	UF	0.0033	J	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	UF	0.00490	U	0.0288	U	0.00860	UF	0.00180	U	0.00220	U	0.00450	U	0.423	U
	9/16/2015	0.011	J	0.57		0.0075	U	0.0062	J	0.00710	U	0.0072	U	0.00370	U	0.00350	U	0.00380	U	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-13	4/1/2002	0.260		8		0.6		0.16		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
	6/1/2002	0.400		11		1.4		0.5		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM			
	4/14/2008	0.059		9		0.12		0.045	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	8/4/2009	0.120	J	11		0.63	J	1.01	U	1.01	U	1.01	U	1.01	U	1.01	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	2.02	U	10.1	U	2.02	U	1.01	U	1.01000	U	2.02	U	101	U
	3/27/2013	0.002	U	3.37		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/5/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY			
	9/5/2013	0.052		6.36	D	0.0849		0.0307	J	0.454		0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/4/2013	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY			
	3/26/2014	0.022		4		0.032		0.0571		0.0107	U	0.00627	U	0.00276	U	0.00193	U	0.00290	U	0.0116	U	0.00280	U	0.00193	U	0.00579	U	0.00224	U	0.00670	U	0.00343	U	0.00661	U	0.00941	U	0.00633	U	0.00274	U	0.148	U
	9/2/2014	0.0319	J	3.87	D	0.0782		0.0517		0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0																							

Table 3-3: Groundwater Pesticides Data Summary

Test Method SW-846 8081B		alpha-BHC		beta-BHC		delta-BHC		gamma-BHC (Lindane)		Heptachlor		Aldrin		Heptachlor epoxide		Endosulfan I		Dieldrin		4,4'-DDE		Endrin		Endosulfan II		4,4'-DDD		Endosulfan sulfate		4,4'-DDT		Methoxychlor		Endrin aldehyde		gamma- Chlordane		alpha-Chlordane		Endrin ketone		Toxaphene	
Site-Specific RRS Values		0.5		1.6		0.1		2.6				0.2								8.4						12				8.4													
Type RRS		4		4		4		4				4						4		4				4		4		4		4													
Well ID	Sample Date	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag	Conc (µg/L)	Flag		
MW-18	8/6/2009	0.051	U	0.375		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U		
	7/15/2011	0.050	U	0.23		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.100	U	0.1	U	0.5	U	0.1	U	0.05	U	0.05	U	0.1	U	5	U
	4/5/2012	0.052	U	0.4		0.052	U	0.052	U	0.052	U	0.052	U	0.052	U	0.025	J	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.103	U	0.515	U	0.103	U	0.052	U	0.052	U	0.103	U	5.15	U		
	3/25/2013	0.033	J	0.882		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.002	U	0.472		0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.010	U	0.409	J	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00680	J	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.076	U	0.463		0.0742	U	0.0722	U	0.13200	U	0.105	U	0.08560	U	0.08140	U	0.00464	U	0.0835	U	0.11600	U	0.09280	U	0.08560	U	0.10000	U	0.11500	U	0.108	U	0.08350	U	0.07220	U	0.08350	U	0.07420	U	0.0515	U
	3/26/2014	0.030	U	0.356		0.0127	U	0.0164	U	0.05350	U	0.0313	U	0.01380	U	0.00963	U	0.01450	U	0.0581	U	0.01400	U	0.01700	U	0.02890	U	0.01120	U	0.33300	U	0.0171	U	0.03310	U	0.04700	U	0.48100	U	0.01370	U	0.74	U
	9/4/2014	0.010	U	0.102		0.00198	U	0.00327	J	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	U	0.00485	U	0.0285	U	0.00851	U	0.00178	UX	0.00218	U	0.00446	U	0.419	U
	3/4/2015	0.010	U	0.111	F	0.00198	U	0.00158	U	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	UF	0.00485	U	0.0285	U	0.00851	UF	0.00178	U	0.00218	U	0.00446	U	0.419	U
9/15/2015	0.0034	U	0.19		0.0074	U	0.0036	U	0.00700	U	0.0071	U	0.00370	U	0.00350	U	0.003800	U	0.005	U	0.00520	U	0.00420	U	0.00620	U	0.00500	U	0.00690	U	0.0097	U	0.00600	U	0.09400	U	0.00460	U	0.40	U			
MW-19	8/6/2009	0.009	J	0.113		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.012	J	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U		
	4/5/2012	0.051	U	0.036	J	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.08		0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.101	U	0.505	U	0.101	U	0.051	U	0.051	U	0.101	U	5.05	U
	3/25/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.0007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	6/6/2013	0.002	U	0.0015	U	0.0009	U	0.0007	U	0.0019	U	0.002	U	0.007	U	0.002	U	0.001	U	0.0032	U	0.0014	U	0.0019	U	0.0021	U	0.0022	U	0.0021	U	0.01	U	0.0022	U	0.0015	U	0.0011	U	0.0013	U	0.215	U
	9/4/2013	0.010	U	0.0023	U	0.002	U	0.0016	U	0.00290	U	0.0026	U	0.00280	U	0.00240	U	0.00430	U	0.0035	U	0.00460	U	0.00450	U	0.00370	U	0.00700	U	0.00490	U	0.0288	U	0.00860	U	0.00180	U	0.00220	U	0.00450	U	0.423	U
	12/3/2013	0.076	U	0.0718	U	0.0738	U	0.0718	U	0.13100	U	0.105	U	0.08510	U	0.08100	U	0.00462	U	0.0831	U	0.11600	U	0.09230	U	0.08510	U	0.09950	U	0.11500	U	0.108	U	0.08310	U	0.07180	U	0.08310	U	0.07380	U	0.0513	U
	3/27/2014	0.003	U	0.074		0.0013	U	0.0109		0.00545	U	0.0032	U	0.00141	U	0.00098	U	0.00148	U	0.00592	U	0.00143	U	0.00174	U	0.00295	U	0.00114	U	0.03400	U	0.00175	U	0.00337	U	0.00480	U	0.00323	U	0.00140	U	0.0754	U
	9/4/2014	0.010	U	0.0762		0.00515	J	0.00891	J	0.00287	U	0.00257	U	0.00277	U	0.00238	U	0.004260	U	0.00347	U	0.00455	U	0.00446	U	0.00366	U	0.00693	UF	0.00485	U	0.0285	U	0.00851	UF	0.00178	U	0.00218	U	0.00446	U	0.419	U
	3/4/2015	0.010	U	0.0288	JF	0.0175	JF	0.00784	J	0.00291	U	0.00261	U	0.00281	U	0.00241	U	0.004320	U	0.00352	U	0.00462	U	0.00452	U	0.00372	U	0.00704	UF	0.00492	U	0.0289	U	0.00864	UF	0.00181	U	0.00221	U	0.00452	U	0.425	U
	9/15/2015	0.0034	U	0.010	J P	0.0075	U	0.0036	U	0.00710	U	0.0072	U	0.00370	F1	0.00350	U	0.003800	F2	0.0051	U	0.00530	U	0.00420	U	0.00630	U	0.00510	U	0.00700	U	0.0098	U	0.00610	U	0.09500	U	0.09500	U	0.00460	U	0.40	U
MW-20	8/6/2009	2.500	U	25.7		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	5.00	U	5	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	25	U	5.00	U	2.5	U	2.5	U	5.00	U	250	U
	7/12/2011	0.460	J	16		5.9		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	5.1	U	1.02	U	0.051	U	0.051	U	1.02	U	51	U		
	4/5/2012	0.204	J	10.4		2.4	UBL	0.076	J	0.532	U	0.532	U	0.532	U	0.532	U	1.06	U	1.06	U	1.06	U	1.06	U	1.06	U	0.103	J	1.06													

Table 3-4: Historical Groundwater Potentiometric Surface Elevations

Well ID # (Well Diameter, in.)	Current TOC Elevation (ft.)	Groundwater Potentiometric Surface Elevation (ft.)															MW Min.*	MW Max.*	MW Range*	MW Avg.*	MW Var.*
		Aug-99	Sep-01	Apr-02	Apr-08	Aug-09	Jul-11	Apr-12	Mar-13	Jun-13	Sep-13	Dec-13	Mar-14	Sep-14	Mar-15	Sep-15					
MW-1 (2)	105.22	NM	NM	NM	79.59	78.22	76.32	77.48	79.63	78.07	79.60	78.00	79.77	77.51	79.11	77.29	76.32	79.77	3.45	78.38	1.29
MW-1A (2)	105.33	76.54	77.22	77.38	79.57	78.47	76.33	77.48	79.62	78.06	79.58	77.97	79.88	77.50	79.11	77.29	76.33	79.88	3.55	78.13	1.37
MW-2 (2)	98.86	76.48	77.13	77.36	79.45	78.16	78.25	NM	79.54	77.97	79.41	77.89	79.83	77.39	78.98	77.20	76.48	79.83	3.35	78.22	1.13
MW-3 (2)	97.12	76.42	77.11	77.39	NL	NL	NL	NL	NL	NL	79.20	77.78	79.69	77.28	78.95	77.19	76.42	79.69	3.27	77.89	1.25
MW-4U (2)	103.51	NI	77.12	77.3	79.64	78.36	NM	77.51	79.60	78.16	79.59	77.98	79.81	77.55	78.99	77.25	77.12	79.81	2.69	78.37	1.05
MW-5A (2)	96.67	NI	NM	NM	78.96	77.91	76.35	77.32	79.12	77.71	79.07	77.71	79.38	77.24	78.94	77.22	76.35	79.38	3.03	78.08	0.96
MW-5D (2)	96.12	NI	77.1	77.36	78.40	77.92	76.37	77.36	79.16	77.77	79.10	77.76	79.36	77.31	78.94	77.24	76.37	79.36	2.99	77.94	0.83
MW-6 (2)	102.25	NI	77.17	77.7	79.24	78.70	76.40	77.46	79.53	77.87	79.25	77.81	79.59	77.39	78.96	77.30	76.40	79.59	3.19	78.17	1.04
MW-7 (2)	98.1	NI	77.09	77.49	79.74	78.50	DRY	77.56	79.67	78.11	79.75	78.19	80.01	77.58	79.41	77.42	77.09	80.01	2.92	78.50	1.14
MW-8 (2)	93.54	NI	76.6	77.4	78.75	77.79	76.34	77.25	78.64	77.52	78.88	77.69	79.20	77.22	78.90	77.18	76.34	79.20	2.86	77.81	0.83
MW-9 (2)	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NA	NA	NA	NA	NA
MW-10 (2)	99.83	NI	NI	77.45	79.75	78.52	76.33	77.58	79.72	78.10	79.76	78.12	80.07	77.58	79.08	77.51	76.33	80.07	3.74	78.43	1.35
MW-11 (2)	100.87	NI	NI	77.46	79.88	76.67	79.57	77.6	79.83	78.16	79.83	78.1	80.1	77.58	79.50	77.39	76.67	80.10	3.43	78.59	1.47
MW-12 (2)	94.06	NI	NI	77.35	78.23	77.39	76.25	76.88	78.39	77.06	78.14	77.36	78.51	76.80	78.66	76.83	76.25	78.66	2.41	77.53	0.60
MW-13 (2)	93.55	NI	NI	77.38	78.10	77.13	DRY	DRY	78.53	76.98	77.87	76.98	78.31	76.58	78.47	76.71	76.58	78.53	1.95	77.55	0.53
MW-14 (2)	102.11	NI	NI	NI	79.30	78.16	76.36	77.45	78.72	76.72	78.97	77.95	78.59	76.86	79.11	77.33	76.36	79.30	2.94	77.96	1.01
MW-15 (2)	98.13	NI	NI	NI	78.88	78.01	DRY	77.40	79.24	78.10	79.18	78.10	79.35	77.37	78.93	77.30	77.30	79.35	2.05	78.35	0.63
MW-16 (2)	97.15	NI	NI	NI	79.66	78.50	76.45	77.56	79.73	78.18	79.91	78.12	79.99	77.71	79.22	77.50	76.45	79.99	3.54	78.54	1.32
MW-17 (2)	93.65	NI	NI	NI	79.03	77.90	76.24	75.26	79.17	77.58	79.04	77.80	79.30	77.25	79.12	77.23	75.26	79.30	4.04	77.91	1.67
MW-18 (2)	95.56	NI	NI	NI	NI	78.15	76.43	77.42	79.39	77.91	79.42	77.92	79.56	77.43	79.02	77.38	76.43	79.56	3.13	78.18	1.06
MW-19 (2)	96.6	NI	NI	NI	NI	78.07	76.35	77.35	79.40	77.80	79.47	77.89	79.68	77.39	79.06	77.30	76.35	79.68	3.33	78.16	1.18
MW-20 (2)	96.57	NI	NI	NI	NI	78.48	76.38	77.49	79.68	78.08	79.73	78.08	79.93	77.57	79.29	77.47	76.38	79.93	3.55	78.38	1.32
MW-21 (2)	97.55	NI	NI	NI	NI	78.41	76.34	77.53	79.71	78.05	79.79	78.08	79.98	77.53	79.36	77.44	76.34	79.98	3.64	78.38	1.40
MW-22 (2)	98.88	NI	NI	NI	NI	NI	NM	77.47	79.74	78.10	79.75	78.12	79.96	77.57	79.28	77.50	77.47	79.96	2.49	78.61	1.12
MW-23 (2)	93.61	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	77.03	78.73	76.98	76.98	78.73	1.75	77.58	0.99
MW-24 (2)	93.07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	78.72	76.86	76.86	78.72	1.86	77.79	1.73
Event Min.* ²		76.42	76.60	77.30	78.10	76.67	76.24	75.26	78.39	76.72	77.87	76.98	78.31	76.58	78.47	76.71	Global Min.* ³		75.26		
Event Max.* ²		76.54	77.22	77.70	79.88	78.70	79.57	77.60	79.83	78.18	79.91	78.19	80.10	77.71	79.50	77.51	Global Max.* ³		80.10		
Event Range* ²		0.12	0.62	0.40	1.78	2.03	3.33	2.34	1.44	1.46	2.04	1.21	1.79	1.13	1.03	0.80	Global Range* ³		4.84		
Event Avg.* ²		76.48	77.07	77.42	79.19	78.07	76.65	77.32	79.35	77.82	79.32	77.89	79.56	77.34	79.03	77.25	Global Avg.* ³		77.98		
Event Var.* ²		0.00	0.04	0.01	0.31	0.25	0.78	0.26	0.19	0.17	0.27	0.08	0.26	0.08	0.06	0.04	Global Var.* ³		1.11		

Notes:

NI - Not Installed
 NL - Not Located
 NA - Not Applicable

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

*² = MW Min., Max., Range, Avg., and Var. - are the minimum, maximum, range, average, and total variance for each monitoring well throughout all gauging events from March 203 to March 2015 where available.

*³= Global Min., Max., Range, Avg., and Var. - are the minimum, maximum, range, average, and total variance for all monitoring wells throughout all events from March 2013 to March 2015

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

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

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

FIGURES



Legend

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

SITE FEATURES

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

NOTES:

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

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

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



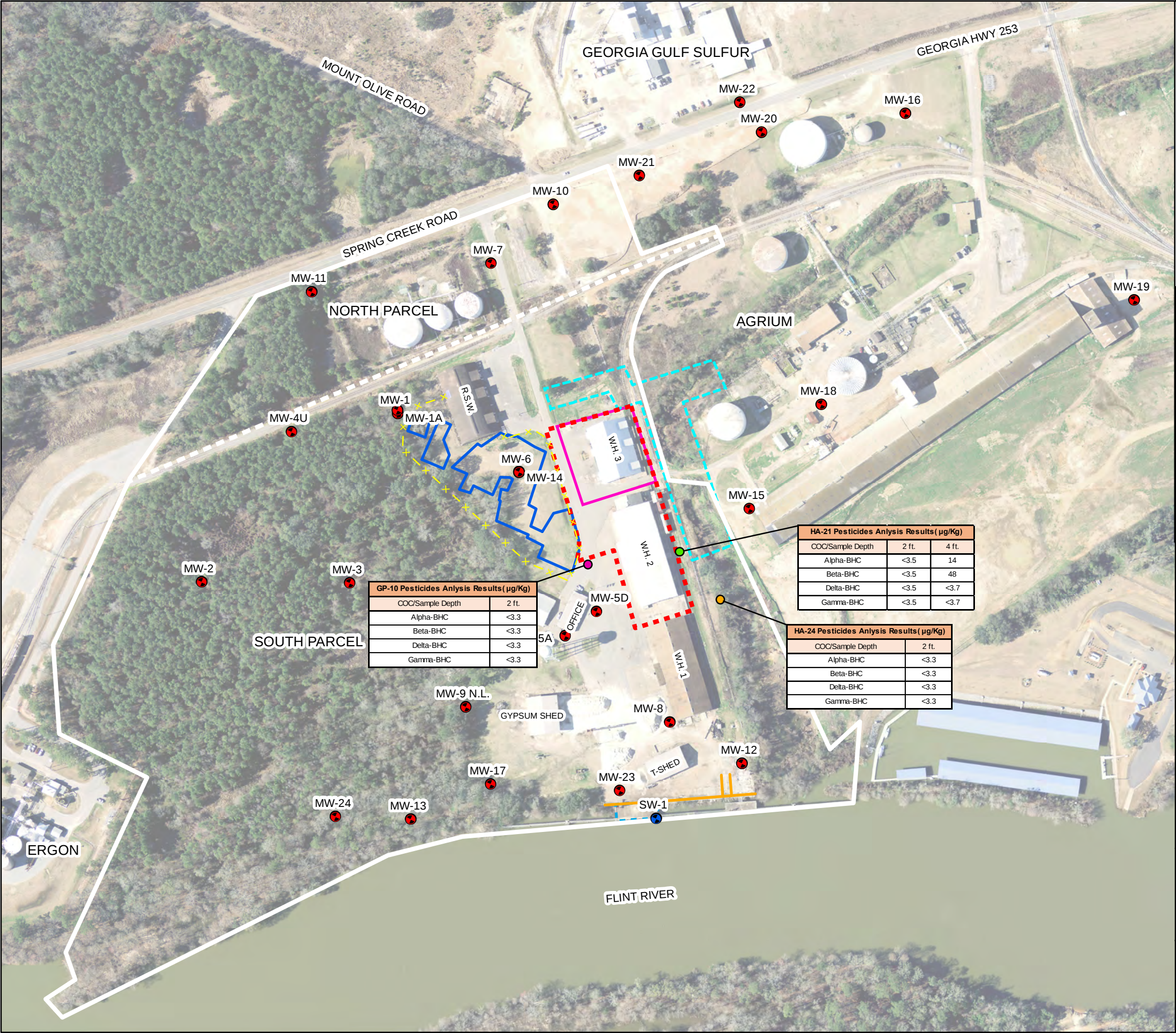
DESIGNED BY: A.G.	REVISIONS		DATE: 4/17/2015
	NO.	DATE	SCALE: SEE BAR SCALE
DRAWN BY: A.G.			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-1: SITE MAP



GEORGIA PORTS AUTHORITY
BAINBRIDGE TERMINAL
BAINBRIDGE, GEORGIA

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



Legend

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

SITE FEATURES

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

AREAS OF CONCERN (AOC)

CURRENT AOC EXTENTS

- AOC-1
- AOC-2
- FORMER AOC-3
- PROPOSED AOC-2 BOUNDARY
- AOC-1 FENCELINE
- SOIL BORING REFERENCED FROM (LAW, 1999) REPORT
- SOIL BORING REFERENCED FROM (LAW, 2001) REPORT
- SOIL BORING REFERENCED FROM (LAW, 2002) REPORT

NOTES:

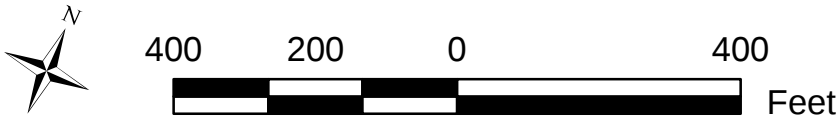
AERIAL PHOTO WAS PROVIDED BY GPA. ABOVE GROUND STORAGE TANKS ON GPA NORTH PARCEL AND ON AGRIUM PROPERTY, AS WELL AS THE WAREHOUSE AND OTHER BUILDINGS ON AGRIUM PROPERTY HAVE SINCE BEEN DEMOLISHED

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

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

REFERENCES:
(LAW, 1999) CSR
(LAW, 2001) REVISED CSR
(LAW, 2002) ADDENDUM TO REVISED CSR
SEE FULL REFERENCES IN GPA BAINBRIDGE SIXTH SEMI-ANNUAL PROGRESS REPORT

Soil Risk Reduction Standards and Delineation Criteria (µg/Kg)		
Constituent of Concern	Delineation	RRS
Alpha-BHC	660	660
Beta-BHC	660	3,100
Delta-BHC	10	100
Gamma-BHC	660	12,000



DESIGNED BY: A.G.	REVISIONS		DATE: 11/2/2015
	NO.	DATE	SCALE: SEE BAR SCALE
DRAWN BY: A.G.			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 4-1: PROPOSED HORIZONTAL COVENANT LIMITS FOR AOC-2



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BAINBRIDGE, GEORGIA

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ALPHARETTA, GEORGIA 30009

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT A SEPTEMBER 2015 WELL PURGING AND SAMPLING FIELD LOGS

PAGE 1 OF 1

WELL/SAMPLE NO: MW-1

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

Length of tubing cut (ft.)	34.5
Initial tubing depth (ft.) BTOC	30.5
Final tubing depth (ft.) BTOC	30.5
Initial pump speed	6.16
Time pump speed was initialized	16.04
Pump speed at flow into cylinder	6.16
Started new roll of tubing at	
Three well volume (mL)	

2,000 mL volume poured into bucket:

Time	16:29	16:43						
Cummulative Volume (mL)	2000	4000						

Additional remarks:

PAGE 1 OF 1

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

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1
$$\begin{array}{r} 29.20 \\ - 21.66 \\ \hline 7.54 \\ 3.27 \end{array}$$

9/8/2015

PAGE 1 OF 1

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

Length of tubing cut (ft.)	28.0
Initial tubing depth (ft.) BTOC	24.0
Final tubing depth (ft.) BTOC	24.0
Initial pump speed	10.10
Time pump speed was initialized	13:34
Pump speed at flow into cylinder	10.10
Started new roll of tubing at	_____
Three well volume (mL)	_____

13:57 changed speed to 6.01

Time	13:40	13:45	13:50	13:55	14:02	14:09	14:17	14:26	14:35
Cummulative Volume (mL)	3000	4000	6000	8000	10000	12000	14000	16000	18100

Additional remarks:

PAGE 7 OF

WELL/SAMPLE NO: MW-4U

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

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 4 OF 4

WELL/SAMPLE NO: MW-5A

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

2,000 mL volume poured into bucket:

Additional remarks: _____

PAGE 1 OF 1

WELL/SAMPLE NO: MW-5D

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

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-6

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

2,000 mL volume poured into bucket:

Additional remarks: _____

PAGE 1 OF 1

Additional remarks: _____

PAGE 1 OF 1

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

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO:	MW-10
-----------------	-------

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

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-11

123

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

increase to 7.02 at 15:10

Time	15.07	15.17	15.26				
Cummulative Volume (mL)	2000	4000	6000				

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-12

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

2,000 mL volume poured into bucket:

Additional remarks: _____

PAGE 1 OF 1

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

2.000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

2,000 mL volume poured into bucket:

Additional remarks:

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PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

DATE: 4-15-15		PROJECT NAME: GPA Bainbridge		WELL/SAMPLE NO: MW-15					
WEATHER CONDITIONS: Cloudy 82°F Low Wind		PROJECT NO: 400007 - 4.5							
SAMPLE TYPE: ☒ GROUNDWATER ☐ WASTEWATER ☐ SURFACE WATER ☐ OTHER									
WELL DIAMETER (IN.): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ OTHER		BGS WELL SCREEN INTERVAL: 13.00 FT. to 23.00 FT.							
INITIAL WATER LEVEL (BTOC): 20.83 FT.		TIME: 11:00		BTOC WELL SCREEN INTERVAL: 13.00 FT. to 23.00 FT.					
MEASURED TOTAL WELL DEPTH (BGS): 21.51 FT.		MEASURED TOTAL WELL DEPTH (BTOC): 21.51 FT.		FLUSH-TO-GRADE 0 FT.					
PURGING DEVICE: Pegasus Alexis Peristaltic Pump ☐ DEDICATED ☐ DISPOSABLE ☐ DECONTAMINATED									
SAMPLING DEVICE: 1/4" Teflon lined tubing ☐ DEDICATED ☒ DISPOSABLE ☐ DECONTAMINATED									
EQUIP. DECON. ☒ ALCONOX WASH ☐ ISOPROPANOL ☒ DIST/DEION 1 RINSE ☐ DIST/DEION FINAL RINSE ☒ AIR DRY									
☐ LIQUINOX WASH ☐ DIST/DEION 2 RINSE ☐ OTHER SOLVENT ☐ TAP WATER WASH ☐ TAP WATER FINAL RINSE									
CONTAINER PRESERVATION: ☒ LAB PRESERVED ☐ FIELD PRESERVED									
ANALYTICAL PARAMETERS: 8081 B									
LABORATORY PERFORMING ANALYSIS: Xenco			WATER ANALYZER MODEL: Horiba U-52		SERIAL #: UDRU5DA9				
TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
11:09	0	23.73	4.99	168	3.43	0.0	1.15	21.11	
11:14	840	23.64	4.88	188	3.54	0.0	0.75	20.07	
11:19	1520	23.69	4.45	203	3.57	0.0	0.65	20.93	
11:25	2400	23.56	4.20	219	3.50	0.0	0.55	20.93	
11:31	3380	23.80	4.11	231	3.48	0.0	0.49	20.93	
11:36	4000	23.88	4.11	233	3.44	0.0	0.46	20.93	
11:41	4780	23.92	4.09	236	3.44	0.0	0.43	20.93	
COMMENTS:						SAMPLE COLLECTION TIME: 11:43			
						PREPARED BY: Amelia Grant			

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

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	23.00
Initial tubing depth (ft.) BTOC	21.15
Final tubing depth (ft.) BTOC	21.35
Initial pump speed	5.02
Time pump speed was initialized	11:05
Pump speed at flow into cylinder	5.02
Started new roll of tubing at	
Three well volume (mL)	

11:11 lowered tubing ~0.20 ft into well as water level was dropping
 11:12 changed pump speed to 3.95
 11:20 changed pump speed to 4.40

2,000 mL volume poured into bucket:

Time	11:22	11:36							
Cummulative Volume (mL)	2000	4000							

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-16

adg
adg

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

2,000 mL volume poured into bucket:

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-17

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

2,000 mL volume poured into bucket:

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

DATE: 9-15-15		PROJECT NAME: GPA Bainbridge		WELL/SAMPLE NO: MW-18					
WEATHER CONDITIONS: 81°F Light Wind Mostly Cloudy		PROJECT NO: 400007 - 4.5							
SAMPLE TYPE: ☒ GROUNDWATER ☐ WASTEWATER ☐ SURFACE WATER ☐ OTHER									
WELL DIAMETER (IN.): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ OTHER		BGS WELL SCREEN INTERVAL: 22.00 FT. to 32.00 FT.							
INITIAL WATER LEVEL (BTOC): 18.18 FT.		TIME: 9:41		BTOC WELL SCREEN INTERVAL: 21.60 FT. to 31.60 FT.					
MEASURED TOTAL WELL DEPTH (BGS): 32.43 FT.		MEASURED TOTAL WELL DEPTH (BTOC): 32.83 FT.		FLUSH-TO-GRADE: ~0.4 FT.					
PURGING DEVICE: Pegasus Alexis Peristaltic Pump ☐ DEDICATED ☐ DISPOSABLE ☐ DECONTAMINATED									
SAMPLING DEVICE: 1/4" Teflon lined tubing ☐ DEDICATED ☒ DISPOSABLE ☐ DECONTAMINATED									
EQUIP. DECON. ☒ ALCONOX WASH ☐ ISOPROPANOL ☒ DIST/DEION 1 RINSE ☐ DIST/DEION FINAL RINSE ☒ AIR DRY									
☐ LIQUINOX WASH ☐ DIST/DEION 2 RINSE ☐ OTHER SOLVENT ☐ TAP WATER WASH ☐ TAP WATER FINAL RINSE									
CONTAINER PRESERVATION: ☒ LAB PRESERVED ☐ FIELD PRESERVED									
ANALYTICAL PARAMETERS: 8081 B									
LABORATORY PERFORMING ANALYSIS: Xerox TA 54			WATER ANALYZER MODEL: Horiba U-52		SERIAL #: UDRU5DA9				
TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)
9:44	0	24.20	5.64	232	1.49	29.0	1.71	18.20	
9:54	1600	24.57	6.40	186	1.51	26.3	0.82	18.20	
9:59	3400	24.57	6.42	174	1.50	35.8	0.62	18.20	
10:04	5000	24.58	6.50	165	1.50	26.7	0.55	18.20	
10:09	6800	24.62	6.60	157	1.49	34.8	0.51	18.20	
10:14	8600	24.64	6.42	153	1.49	32.2	0.47	18.20	V = 8700 mL
10:19	10200	24.61	6.49	146	1.49	26.9	0.46	18.20	
10:24	11800	24.59	6.49	142	1.49	43.4	0.41	18.20	
10:29	13400	24.59	6.51	137	1.48	23.2	0.43	18.20	
10:34	14920	24.44	6.51	133	1.49	20.5	0.39	18.20	
10:39	16500	24.44	6.45	124	1.48	19.3	0.37	18.20	
COMMENTS:				SAMPLE COLLECTION TIME: 10:41					
				PREPARED BY: STELM					

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

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	29
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	9.11
Time pump speed was initialized	9:48
Pump speed at flow into cylinder	9.11
Started new roll of tubing at	
Three well volume (mL)	

2,000 mL volume poured into bucket:

Time	9:55	10:02	10:08	10:15	10:21	10:27	10:34		
Cummulative Volume (mL)	2200	4400	6800	8800	10800	12800	14800		

Additional remarks: _____

PAGE 1 OF 1

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

Duplicate collected

2,000 mL volume poured into bucket:

Additional remarks: Water level ~ 1" above TX Bar to 1st water table

PAGE 1 OF 2

WELL/SAMPLE NO: MW-20

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

2,000 mL volume poured into bucket:

Additional remarks: _____

PAGE 1 OF 1

WELL/SAMPLE NO: MW-21

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

Length of tubing cut (ft.)	31
Initial tubing depth (ft.) BTOC	27
Final tubing depth (ft.) BTOC	27
Initial pump speed	6.06
Time pump speed was initialized	11:02
Pump speed at flow into cylinder	6.06
Started new roll of tubing at	—
Three well volume (mL)	—

2,000 mL volume poured into bucket:

Time	11:14	11:25					
Cummulative Volume (mL)	2200	2200					

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

DATE: 9/17/15					PROJECT NAME: GPA Bainbridge					WELL/SAMPLE NO: MW-22									
WEATHER CONDITIONS: Sunny partly cloudy ~72°F little to no wind										PROJECT NO: 400007 - 4.5									
SAMPLE TYPE: ☒ GROUNDWATER ☐ WASTEWATER ☐ SURFACE WATER ☐ OTHER																			
WELL DIAMETER (IN.) ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ OTHER					BGS WELL SCREEN INTERVAL: 24.00 FT. to 34.00 FT.														
INITIAL WATER LEVEL (BTOC): 211.38 FT. TIME: 14120					BTOC WELL SCREEN INTERVAL: 23.80 FT. to 33.80 FT.														
MEASURED TOTAL WELL DEPTH (BGS): 33.34 FT.					MEASURED TOTAL WELL DEPTH (BTOC): 33.54 FT.					FLUSH-TO-GRADE ~0.2 FT.									
PURGING DEVICE: Pegasus Alexis Peristaltic Pump ☐ DEDICATED ☐ DISPOSABLE ☐ DECONTAMINATED																			
SAMPLING DEVICE: 1/4" Teflon lined tubing ☐ DEDICATED ☒ DISPOSABLE ☐ DECONTAMINATED																			
EQUIP. DECON. ☒ ALCONOX WASH ☐ ISOPROPANOL ☒ DIST/DEION 1 RINSE ☐ DIST/DEION FINAL RINSE ☒ AIR DRY																			
☐ LIQUINOX WASH ☐ DIST/DEION 2 RINSE ☐ OTHER SOLVENT ☐ TAP WATER WASH ☐ TAP WATER FINAL RINSE																			
CONTAINER PRESERVATION: ☒ LAB PRESERVED ☐ FIELD PRESERVED																			
ANALYTICAL PARAMETERS: 8081 B																			
LABORATORY PERFORMING ANALYSIS: Xenco										WATER ANALYZER MODEL: Horiba U-52					SERIAL #: UDRU5DA9				
TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (FT)	REMARKS (COLOR, ODOR, ETC.)										
14:30	0	26.94	3.83	287	0.432	0.0	3.56	21.48											
14:35	1400	26.37	3.81	290	0.434	0.0	2.77	21.49											
14:40	2920	25.89	3.79	290	0.444	13.4	2.66	21.50											
14:45	4250	24.80	3.80	289	0.454	15.6	2.73	21.50											
14:50	5760	24.70	3.75	290	0.460	10.0	2.77	21.50											
14:55	7100	24.90	3.79	289	0.461	4.9	2.69	21.50											
15:00	8500	25.38	3.79	288	0.460	4.7	2.57	21.50											
15:05	10000	25.03	3.79	288	0.466	3.9	2.62	21.50											
15:10	11300	24.91	3.79	288	0.471	2.7	2.61	21.50											
15:15	12560	24.47	3.79	288	0.481	3.5	2.71	21.50											
COMMENTS:					SAMPLE COLLECTION TIME: 15:17														
					PREPARED BY: Andrea Grant														

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

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the

Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	31
Initial tubing depth (ft.) BTOC	29
Final tubing depth (ft.) BTOC	29
Initial pump speed	9.02
Time pump speed was initialized	14:29
Pump speed at flow into cylinder	9.02
Started new roll of tubing at	—
Three well volume (mL)	—

took matrix spike sample

2,000 mL volume poured into bucket:

Time	14:37	14:44	14:51	14:58	15:05	15:13			
Cumulative Volume (mL)	2000	4000	6000	8000	10000	12000			

Additional remarks:

PAGE 1 OF 1

WELL/SAMPLE NO: MW-23

adg
3400

Length of tubing cut (ft.)	22
Initial tubing depth (ft.) BTOC	20
Final tubing depth (ft.) BTOC	20
Initial pump speed	9.02
Time pump speed was initialized	8:38
Pump speed at flow into cylinder	9.02
Started new roll of tubing at	9:02
Three well volume (mL)	9.02

Time	8:47	8:53	9:01	9:08					
Cummulative Volume (mL)	2000	4000	6000	8000					

PAGE 1 OF 1

WELL/SAMPLE NO: MW-24

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

16:17 pump speed changed to 9.35

Time	16:25	16:31	16:36	16:43	16:48			
Cummulative Volume (mL)	3500	4500	6500	8500	10500			

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT B SEPTEMBER 2015 GROUNDWATER ANALYTICAL RESULTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-116914-1

Client Project/Site: GPA Bainbridge

For:

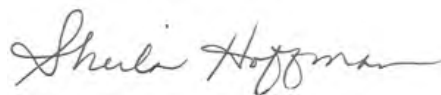
Environmental International Corporation

161 Kimball Bridge Road

Suite 100

Alpharetta, Georgia 30009

Attn: Amelia Grant



Authorized for release by:

9/28/2015 5:10:27 PM

Sheila Hoffman, Project Manager II

(912)354-7858 e.3004

sheila.hoffman@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Protocol References:

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

Laboratory References:

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

Definitions/Glossary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Qualifiers

GC Semi VOA

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

Glossary

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

Sample Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-116914-1	MW-1	Water	09/15/15 16:47	09/19/15 10:45
680-116914-2	MW-1A	Water	09/15/15 17:40	09/19/15 10:45
680-116914-3	MW-2	Water	09/14/15 13:45	09/19/15 10:45
680-116914-4	MW-3	Water	09/15/15 14:37	09/19/15 10:45
680-116914-5	MW-4U	Water	09/15/15 15:37	09/19/15 10:45
680-116914-6	MW-5A	Water	09/17/15 16:33	09/19/15 10:45
680-116914-7	MW-5D	Water	09/17/15 17:56	09/19/15 10:45
680-116914-8	MW-6	Water	09/16/15 10:30	09/19/15 10:45
680-116914-9	MW-7	Water	09/16/15 15:21	09/19/15 10:45
680-116914-10	MW-8	Water	09/16/15 17:17	09/19/15 10:45
680-116914-11	MW-10	Water	09/17/15 10:27	09/19/15 10:45
680-116914-12	MW-11	Water	09/14/15 15:30	09/19/15 10:45
680-116914-13	MW-12	Water	09/16/15 16:25	09/19/15 10:45
680-116914-14	MW-13	Water	09/16/15 11:33	09/19/15 10:45
680-116914-15	MW-14	Water	09/16/15 09:28	09/19/15 10:45
680-116914-16	MW-15	Water	09/15/15 11:43	09/19/15 10:45
680-116914-17	MW-16	Water	09/16/15 14:06	09/19/15 10:45
680-116914-18	MW-17	Water	09/14/15 18:39	09/19/15 10:45
680-116914-19	MW-18	Water	09/15/15 10:41	09/19/15 10:45
680-116914-20	MW-19	Water	09/15/15 09:20	09/19/15 10:45
680-116914-21	MW-20	Water	09/17/15 13:56	09/19/15 10:45
680-116914-22	MW-21	Water	09/17/15 11:31	09/19/15 10:45
680-116914-23	MW-22	Water	09/17/15 15:17	09/19/15 10:45
680-116914-24	MW-23	Water	09/17/15 09:13	09/19/15 10:45
680-116914-25	MW-24	Water	09/14/15 16:53	09/19/15 10:45
680-116914-26	MW-10 Duplicate	Water	09/17/15 10:27	09/19/15 10:45
680-116914-27	Equipment Blank	Water	09/17/15 17:32	09/19/15 10:45

TestAmerica Savannah

Case Narrative

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Job ID: 680-116914-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Environmental International Corporation

Project: GPA Bainbridge

Report Number: 680-116914-1

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

RECEIPT

The samples were received on 09/19/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt were 2.2° C, 2.4° C and 2.6° C. 2.4 C.

PESTICIDES AND PCBS

Samples MW-1 (680-116914-1), MW-1A (680-116914-2), MW-2 (680-116914-3), MW-3 (680-116914-4), MW-4U (680-116914-5), MW-5A (680-116914-6), MW-5D (680-116914-7), MW-6 (680-116914-8), MW-7 (680-116914-9), MW-8 (680-116914-10), MW-10 (680-116914-11), MW-11 (680-116914-12), MW-12 (680-116914-13), MW-13 (680-116914-14), MW-14 (680-116914-15), MW-15 (680-116914-16), MW-16 (680-116914-17), MW-17 (680-116914-18), MW-18 (680-116914-19), MW-19 (680-116914-20), MW-20 (680-116914-21), MW-21 (680-116914-22), MW-22 (680-116914-23), MW-23 (680-116914-24), MW-24 (680-116914-25), MW-10 Duplicate (680-116914-26) and Equipment Blank (680-116914-27) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B_8082A. The samples were prepared on 09/21/2015 and 09/22/2015 and analyzed on 09/23/2015, 09/24/2015 and 09/25/2015.

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

Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-11 (680-116914-12). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-17 (680-116914-18). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-18 (680-116914-19). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-1A (680-116914-2). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-19 (680-116914-20). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-21 (680-116914-22). Tetrachloro-m-xylene failed the surrogate recovery criteria low for MW-5D (680-116914-7). These results have been reported and qualified.

Heptachlor epoxide failed the recovery criteria high for the MS of sample MW-19MS (680-116914-20) in batch 680-402414.

Dieldrin exceeded the RPD limit for the MSD of sample MW-19MSD (680-116914-20) in batch 680-402414.

alpha-BHC, gamma-BHC (Lindane), delta-BHC and beta-BHC failed the recovery criteria low for the MS of sample MW-22MS (680-116914-23) in batch 680-402715. Several analytes failed the recovery criteria high.

alpha-BHC, gamma-BHC (Lindane), delta-BHC and beta-BHC failed the recovery criteria low for the MSD of sample MW-22MSD (680-116914-23) in batch 680-402715. Several analytes failed the recovery criteria high.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Case Narrative

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Job ID: 680-116914-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Samples MW-5A (680-116914-6)[25X], MW-5A (680-116914-6)[5X], MW-5D (680-116914-7)[10X], MW-5D (680-116914-7)[40X], MW-6 (680-116914-8)[4X], MW-8 (680-116914-10)[5X], MW-10 (680-116914-11)[20X], MW-13 (680-116914-14)[10X], MW-20 (680-116914-21)[4X], MW-20 (680-116914-21)[40X], MW-21 (680-116914-22)[5X], MW-22 (680-116914-23)[10X], MW-22 (680-116914-23)[100X], MW-23 (680-116914-24)[10X] and MW-10 Duplicate (680-116914-26)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-1

Date Collected: 09/15/15 16:47

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 14:35	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 14:35	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 14:35	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 14:35	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 14:35	1
beta-BHC	<0.0090		0.049	0.0090	ug/L		09/21/15 15:37	09/23/15 14:35	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 14:35	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 14:35	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 14:35	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 14:35	1
gamma-BHC (Lindane)	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 14:35	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 14:35	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 14:35	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 14:35	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/21/15 15:37	09/23/15 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		14 - 130	09/21/15 15:37	09/23/15 14:35	1
Tetrachloro-m-xylene	40		40 - 130	09/21/15 15:37	09/23/15 14:35	1

Client Sample ID: MW-1A

Date Collected: 09/15/15 17:40

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0058		0.046	0.0058	ug/L		09/22/15 15:26	09/23/15 19:22	1
4,4'-DDE	<0.0047		0.046	0.0047	ug/L		09/22/15 15:26	09/23/15 19:22	1
4,4'-DDT	<0.0065		0.046	0.0065	ug/L		09/22/15 15:26	09/23/15 19:22	1
Aldrin	<0.0066		0.046	0.0066	ug/L		09/22/15 15:26	09/23/15 19:22	1
alpha-BHC	<0.0031		0.046	0.0031	ug/L		09/22/15 15:26	09/23/15 19:22	1
beta-BHC	<0.0084		0.046	0.0084	ug/L		09/22/15 15:26	09/23/15 19:22	1
Chlordane (technical)	<0.088		0.46	0.088	ug/L		09/22/15 15:26	09/23/15 19:22	1
delta-BHC	<0.0069		0.046	0.0069	ug/L		09/22/15 15:26	09/23/15 19:22	1
Dieldrin	<0.0035		0.046	0.0035	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endosulfan I	<0.0032		0.046	0.0032	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endosulfan II	<0.0039		0.046	0.0039	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endosulfan sulfate	<0.0047		0.046	0.0047	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endrin	<0.0049		0.046	0.0049	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endrin aldehyde	<0.0056		0.046	0.0056	ug/L		09/22/15 15:26	09/23/15 19:22	1
Endrin ketone	<0.0042		0.046	0.0042	ug/L		09/22/15 15:26	09/23/15 19:22	1
gamma-BHC (Lindane)	<0.0033		0.046	0.0033	ug/L		09/22/15 15:26	09/23/15 19:22	1
Heptachlor	<0.0066		0.046	0.0066	ug/L		09/22/15 15:26	09/23/15 19:22	1
Heptachlor epoxide	<0.0034		0.046	0.0034	ug/L		09/22/15 15:26	09/23/15 19:22	1
Methoxychlor	<0.0090		0.046	0.0090	ug/L		09/22/15 15:26	09/23/15 19:22	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-1A

Date Collected: 09/15/15 17:40

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.37		4.6	0.37	ug/L		09/22/15 15:26	09/23/15 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	25		14 - 130				09/22/15 15:26	09/23/15 19:22	1
Tetrachloro-m-xylene	25	X	40 - 130				09/22/15 15:26	09/23/15 19:22	1

Client Sample ID: MW-2

Date Collected: 09/14/15 13:45

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 14:49	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 14:49	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 14:49	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 14:49	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 14:49	1
beta-BHC	<0.0090		0.049	0.0090	ug/L		09/21/15 15:37	09/23/15 14:49	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 14:49	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 14:49	1
Dieldrin	<0.0038		0.049	0.0038	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endosulfan II	<0.0042		0.049	0.0042	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 14:49	1
Endrin ketone	<0.0046		0.049	0.0046	ug/L		09/21/15 15:37	09/23/15 14:49	1
gamma-BHC (Lindane)	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 14:49	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 14:49	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 14:49	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 14:49	1
Toxaphene	<0.40		4.9	0.40	ug/L		09/21/15 15:37	09/23/15 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		14 - 130				09/21/15 15:37	09/23/15 14:49	1
Tetrachloro-m-xylene	50		40 - 130				09/21/15 15:37	09/23/15 14:49	1

Client Sample ID: MW-3

Date Collected: 09/15/15 14:37

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/23/15 19:37	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 19:37	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 19:37	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/23/15 19:37	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/22/15 15:26	09/23/15 19:37	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		09/22/15 15:26	09/23/15 19:37	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/23/15 19:37	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-3

Date Collected: 09/15/15 14:37

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/22/15 15:26	09/23/15 19:37	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/23/15 19:37	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 19:37	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 19:37	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 19:37	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 19:37	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/23/15 19:37	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		14 - 130				09/22/15 15:26	09/23/15 19:37	1
Tetrachloro-m-xylene	49		40 - 130				09/22/15 15:26	09/23/15 19:37	1

Client Sample ID: MW-4U

Date Collected: 09/15/15 15:37

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.050	0.0062	ug/L		09/22/15 15:26	09/23/15 19:53	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 19:53	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		09/22/15 15:26	09/23/15 19:53	1
Aldrin	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 19:53	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/22/15 15:26	09/23/15 19:53	1
beta-BHC	<0.0090		0.050	0.0090	ug/L		09/22/15 15:26	09/23/15 19:53	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/22/15 15:26	09/23/15 19:53	1
delta-BHC	<0.0074		0.050	0.0074	ug/L		09/22/15 15:26	09/23/15 19:53	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endrin	<0.0052		0.050	0.0052	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endrin aldehyde	<0.0060		0.050	0.0060	ug/L		09/22/15 15:26	09/23/15 19:53	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 19:53	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 19:53	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 19:53	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 19:53	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/22/15 15:26	09/23/15 19:53	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		14 - 130				09/22/15 15:26	09/23/15 19:53	1
Tetrachloro-m-xylene	48		40 - 130				09/22/15 15:26	09/23/15 19:53	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-5A

Date Collected: 09/17/15 16:33

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0061		0.049	0.0061	ug/L		09/22/15 15:26	09/23/15 20:08	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/23/15 20:08	1
4,4'-DDT	<0.0068		0.049	0.0068	ug/L		09/22/15 15:26	09/23/15 20:08	1
Aldrin	0.045	J p	0.049	0.0070	ug/L		09/22/15 15:26	09/23/15 20:08	1
alpha-BHC	0.59		0.049	0.0033	ug/L		09/22/15 15:26	09/23/15 20:08	1
beta-BHC	8.6		1.2	0.22	ug/L		09/22/15 15:26	09/24/15 17:02	25
Chlordane (technical)	<0.092		0.49	0.092	ug/L		09/22/15 15:26	09/23/15 20:08	1
delta-BHC	1.2		0.24	0.036	ug/L		09/22/15 15:26	09/24/15 16:46	5
Dieldrin	1.6		0.24	0.018	ug/L		09/22/15 15:26	09/24/15 16:46	5
Endosulfan I	<0.0034		0.049	0.0034	ug/L		09/22/15 15:26	09/23/15 20:08	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/22/15 15:26	09/23/15 20:08	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/23/15 20:08	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/22/15 15:26	09/23/15 20:08	1
Endrin aldehyde	<0.0059		0.049	0.0059	ug/L		09/22/15 15:26	09/23/15 20:08	1
Endrin ketone	0.20		0.049	0.0045	ug/L		09/22/15 15:26	09/23/15 20:08	1
gamma-BHC (Lindane)	0.20	p	0.049	0.0035	ug/L		09/22/15 15:26	09/23/15 20:08	1
Heptachlor	<0.0069		0.049	0.0069	ug/L		09/22/15 15:26	09/23/15 20:08	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		09/22/15 15:26	09/23/15 20:08	1
Methoxychlor	<0.0095		0.049	0.0095	ug/L		09/22/15 15:26	09/23/15 20:08	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/22/15 15:26	09/23/15 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		14 - 130	09/22/15 15:26	09/23/15 20:08	1
Tetrachloro-m-xylene	49		40 - 130	09/22/15 15:26	09/23/15 20:08	1

Client Sample ID: MW-5D

Date Collected: 09/17/15 17:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/23/15 20:23	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 20:23	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		09/22/15 15:26	09/23/15 20:23	1
Aldrin	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 20:23	1
alpha-BHC	0.34		0.050	0.0034	ug/L		09/22/15 15:26	09/23/15 20:23	1
beta-BHC	13		2.0	0.36	ug/L		09/22/15 15:26	09/24/15 17:32	40
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/22/15 15:26	09/23/15 20:23	1
delta-BHC	3.4		0.50	0.074	ug/L		09/22/15 15:26	09/24/15 17:17	10
Dieldrin	0.18		0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/23/15 20:23	1
Endrin ketone	0.012	J p	0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 20:23	1
gamma-BHC (Lindane)	0.16	p	0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 20:23	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 20:23	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 20:23	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/22/15 15:26	09/23/15 20:23	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-5D

Date Collected: 09/17/15 17:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		14 - 130				09/22/15 15:26	09/23/15 20:23	1
Tetrachloro-m-xylene	33	X	40 - 130				09/22/15 15:26	09/23/15 20:23	1

Client Sample ID: MW-6

Date Collected: 09/16/15 10:30

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/23/15 20:39	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 20:39	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 20:39	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/23/15 20:39	1
alpha-BHC	0.92		0.20	0.014	ug/L		09/22/15 15:26	09/24/15 17:47	4
beta-BHC	1.3		0.20	0.036	ug/L		09/22/15 15:26	09/24/15 17:47	4
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/22/15 15:26	09/23/15 20:39	1
delta-BHC	2.1	p	0.20	0.030	ug/L		09/22/15 15:26	09/24/15 17:47	4
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/23/15 20:39	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 20:39	1
gamma-BHC (Lindane)	0.014	J p	0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 20:39	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 20:39	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 20:39	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/22/15 15:26	09/23/15 20:39	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	41		14 - 130				09/22/15 15:26	09/23/15 20:39	1
Tetrachloro-m-xylene	64		40 - 130				09/22/15 15:26	09/23/15 20:39	1

Client Sample ID: MW-7

Date Collected: 09/16/15 15:21

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/22/15 15:26	09/23/15 20:54	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/23/15 20:54	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/22/15 15:26	09/23/15 20:54	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/22/15 15:26	09/23/15 20:54	1
alpha-BHC	0.0046	J p	0.049	0.0034	ug/L		09/22/15 15:26	09/23/15 20:54	1
beta-BHC	0.23		0.049	0.0090	ug/L		09/22/15 15:26	09/23/15 20:54	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/22/15 15:26	09/23/15 20:54	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-7

Date Collected: 09/16/15 15:21

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/22/15 15:26	09/23/15 20:54	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/22/15 15:26	09/23/15 20:54	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/22/15 15:26	09/23/15 20:54	1
gamma-BHC (Lindane)	0.012	J	0.049	0.0036	ug/L		09/22/15 15:26	09/23/15 20:54	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/22/15 15:26	09/23/15 20:54	1
Heptachlor epoxide	0.0038	J p	0.049	0.0036	ug/L		09/22/15 15:26	09/23/15 20:54	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/22/15 15:26	09/23/15 20:54	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/22/15 15:26	09/23/15 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		14 - 130	09/22/15 15:26	09/23/15 20:54	1
Tetrachloro-m-xylene	59		40 - 130	09/22/15 15:26	09/23/15 20:54	1

Client Sample ID: MW-8

Date Collected: 09/16/15 17:17

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/23/15 21:09	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 21:09	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 21:09	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/23/15 21:09	1
alpha-BHC	0.18		0.050	0.0034	ug/L		09/22/15 15:26	09/23/15 21:09	1
beta-BHC	1.2		0.25	0.045	ug/L		09/22/15 15:26	09/24/15 18:18	5
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/23/15 21:09	1
delta-BHC	0.28		0.050	0.0075	ug/L		09/22/15 15:26	09/23/15 21:09	1
Dieldrin	0.0087	J	0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/23/15 21:09	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 21:09	1
gamma-BHC (Lindane)	0.14		0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 21:09	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 21:09	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 21:09	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/23/15 21:09	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		14 - 130	09/22/15 15:26	09/23/15 21:09	1
Tetrachloro-m-xylene	67		40 - 130	09/22/15 15:26	09/23/15 21:09	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-10

Date Collected: 09/17/15 10:27

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.050	0.0062	ug/L		09/22/15 15:26	09/24/15 20:49	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 20:49	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		09/22/15 15:26	09/24/15 20:49	1
Aldrin	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/24/15 20:49	1
alpha-BHC	0.48		0.050	0.0034	ug/L		09/22/15 15:26	09/24/15 20:49	1
beta-BHC	7.1		0.99	0.18	ug/L		09/22/15 15:26	09/24/15 21:04	20
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/22/15 15:26	09/24/15 20:49	1
delta-BHC	0.48	p	0.050	0.0074	ug/L		09/22/15 15:26	09/24/15 20:49	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endrin aldehyde	<0.0060		0.050	0.0060	ug/L		09/22/15 15:26	09/24/15 20:49	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/24/15 20:49	1
gamma-BHC (Lindane)	0.22		0.050	0.0036	ug/L		09/22/15 15:26	09/24/15 20:49	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/24/15 20:49	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/24/15 20:49	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/22/15 15:26	09/24/15 20:49	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/24/15 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		14 - 130	09/22/15 15:26	09/24/15 20:49	1
Tetrachloro-m-xylene	63		40 - 130	09/22/15 15:26	09/24/15 20:49	1

Client Sample ID: MW-11

Date Collected: 09/14/15 15:30

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/21/15 15:37	09/23/15 15:04	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:04	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/21/15 15:37	09/23/15 15:04	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/21/15 15:37	09/23/15 15:04	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/21/15 15:37	09/23/15 15:04	1
beta-BHC	0.015	J	0.050	0.0091	ug/L		09/21/15 15:37	09/23/15 15:04	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/21/15 15:37	09/23/15 15:04	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/21/15 15:37	09/23/15 15:04	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/21/15 15:37	09/23/15 15:04	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/21/15 15:37	09/23/15 15:04	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/21/15 15:37	09/23/15 15:04	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/21/15 15:37	09/23/15 15:04	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/21/15 15:37	09/23/15 15:04	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/21/15 15:37	09/23/15 15:04	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-11

Date Collected: 09/14/15 15:30

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		09/21/15 15:37	09/23/15 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		14 - 130				09/21/15 15:37	09/23/15 15:04	1
Tetrachloro-m-xylene	37	X	40 - 130				09/21/15 15:37	09/23/15 15:04	1

Client Sample ID: MW-12

Date Collected: 09/16/15 16:25

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/24/15 21:20	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 21:20	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/24/15 21:20	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/24/15 21:20	1
alpha-BHC	0.011	J	0.050	0.0034	ug/L		09/22/15 15:26	09/24/15 21:20	1
beta-BHC	0.57		0.050	0.0091	ug/L		09/22/15 15:26	09/24/15 21:20	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/24/15 21:20	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/22/15 15:26	09/24/15 21:20	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/24/15 21:20	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/24/15 21:20	1
gamma-BHC (Lindane)	0.0062	J	0.050	0.0036	ug/L		09/22/15 15:26	09/24/15 21:20	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/24/15 21:20	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/24/15 21:20	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/24/15 21:20	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/24/15 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		14 - 130				09/22/15 15:26	09/24/15 21:20	1
Tetrachloro-m-xylene	67		40 - 130				09/22/15 15:26	09/24/15 21:20	1

Client Sample ID: MW-13

Date Collected: 09/16/15 11:33

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/24/15 20:17	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 20:17	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/24/15 20:17	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/24/15 20:17	1
alpha-BHC	0.061		0.050	0.0034	ug/L		09/22/15 15:26	09/24/15 20:17	1
beta-BHC	3.8		0.50	0.091	ug/L		09/22/15 15:26	09/25/15 17:37	10
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/24/15 20:17	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-13

Date Collected: 09/16/15 11:33

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/22/15 15:26	09/24/15 20:17	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/24/15 20:17	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/24/15 20:17	1
gamma-BHC (Lindane)	0.049	J p	0.050	0.0036	ug/L		09/22/15 15:26	09/24/15 20:17	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/24/15 20:17	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/24/15 20:17	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/24/15 20:17	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/24/15 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		14 - 130	09/22/15 15:26	09/24/15 20:17	1
Tetrachloro-m-xylene	57		40 - 130	09/22/15 15:26	09/24/15 20:17	1

Client Sample ID: MW-14

Date Collected: 09/16/15 09:28

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/22/15 15:26	09/24/15 21:35	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/24/15 21:35	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/22/15 15:26	09/24/15 21:35	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/22/15 15:26	09/24/15 21:35	1
alpha-BHC	0.0070	J	0.049	0.0034	ug/L		09/22/15 15:26	09/24/15 21:35	1
beta-BHC	0.39		0.049	0.0090	ug/L		09/22/15 15:26	09/24/15 21:35	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/22/15 15:26	09/24/15 21:35	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/22/15 15:26	09/24/15 21:35	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/22/15 15:26	09/24/15 21:35	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/22/15 15:26	09/24/15 21:35	1
gamma-BHC (Lindane)	<0.0036		0.049	0.0036	ug/L		09/22/15 15:26	09/24/15 21:35	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/22/15 15:26	09/24/15 21:35	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/22/15 15:26	09/24/15 21:35	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/22/15 15:26	09/24/15 21:35	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/22/15 15:26	09/24/15 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		14 - 130	09/22/15 15:26	09/24/15 21:35	1
Tetrachloro-m-xylene	60		40 - 130	09/22/15 15:26	09/24/15 21:35	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-15

Date Collected: 09/15/15 11:43

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/22/15 15:26	09/24/15 20:46	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/24/15 20:46	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/22/15 15:26	09/24/15 20:46	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/22/15 15:26	09/24/15 20:46	1
alpha-BHC	0.078		0.049	0.0033	ug/L		09/22/15 15:26	09/24/15 20:46	1
beta-BHC	0.43		0.049	0.0089	ug/L		09/22/15 15:26	09/24/15 20:46	1
Chlordane (technical)	<0.093		0.49	0.093	ug/L		09/22/15 15:26	09/24/15 20:46	1
delta-BHC	0.0078	J p	0.049	0.0074	ug/L		09/22/15 15:26	09/24/15 20:46	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/22/15 15:26	09/24/15 20:46	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/22/15 15:26	09/24/15 20:46	1
gamma-BHC (Lindane)	0.040	J	0.049	0.0035	ug/L		09/22/15 15:26	09/24/15 20:46	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/22/15 15:26	09/24/15 20:46	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		09/22/15 15:26	09/24/15 20:46	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		09/22/15 15:26	09/24/15 20:46	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/22/15 15:26	09/24/15 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		14 - 130	09/22/15 15:26	09/24/15 20:46	1
Tetrachloro-m-xylene	52		40 - 130	09/22/15 15:26	09/24/15 20:46	1

Client Sample ID: MW-16

Date Collected: 09/16/15 14:06

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/24/15 21:00	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 21:00	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/24/15 21:00	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/24/15 21:00	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/22/15 15:26	09/24/15 21:00	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		09/22/15 15:26	09/24/15 21:00	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/24/15 21:00	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/22/15 15:26	09/24/15 21:00	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/24/15 21:00	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/24/15 21:00	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/22/15 15:26	09/24/15 21:00	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/24/15 21:00	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/24/15 21:00	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/24/15 21:00	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-16

Date Collected: 09/16/15 14:06

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/24/15 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		14 - 130				09/22/15 15:26	09/24/15 21:00	1
Tetrachloro-m-xylene	52		40 - 130				09/22/15 15:26	09/24/15 21:00	1

Client Sample ID: MW-17

Date Collected: 09/14/15 18:39

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/21/15 15:37	09/23/15 15:18	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:18	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		09/21/15 15:37	09/23/15 15:18	1
Aldrin	<0.0071		0.050	0.0071	ug/L		09/21/15 15:37	09/23/15 15:18	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/21/15 15:37	09/23/15 15:18	1
beta-BHC	0.18		0.050	0.0090	ug/L		09/21/15 15:37	09/23/15 15:18	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/21/15 15:37	09/23/15 15:18	1
delta-BHC	0.0074	J p	0.050	0.0074	ug/L		09/21/15 15:37	09/23/15 15:18	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/21/15 15:37	09/23/15 15:18	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/21/15 15:37	09/23/15 15:18	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/21/15 15:37	09/23/15 15:18	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		09/21/15 15:37	09/23/15 15:18	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/21/15 15:37	09/23/15 15:18	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/21/15 15:37	09/23/15 15:18	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/21/15 15:37	09/23/15 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		14 - 130				09/21/15 15:37	09/23/15 15:18	1
Tetrachloro-m-xylene	38	X	40 - 130				09/21/15 15:37	09/23/15 15:18	1

Client Sample ID: MW-18

Date Collected: 09/15/15 10:41

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 15:33	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 15:33	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 15:33	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 15:33	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 15:33	1
beta-BHC	0.19		0.049	0.0090	ug/L		09/21/15 15:37	09/23/15 15:33	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 15:33	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-18

Date Collected: 09/15/15 10:41

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 15:33	1
Dieldrin	<0.0038		0.049	0.0038	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endosulfan II	<0.0042		0.049	0.0042	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 15:33	1
Endrin ketone	<0.0046		0.049	0.0046	ug/L		09/21/15 15:37	09/23/15 15:33	1
gamma-BHC (Lindane)	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 15:33	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 15:33	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 15:33	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 15:33	1
Toxaphene	<0.40		4.9	0.40	ug/L		09/21/15 15:37	09/23/15 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		14 - 130	09/21/15 15:37	09/23/15 15:33	1
Tetrachloro-m-xylene	35	X	40 - 130	09/21/15 15:37	09/23/15 15:33	1

Client Sample ID: MW-19

Date Collected: 09/15/15 09:20

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/21/15 15:37	09/23/15 15:47	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:47	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/21/15 15:37	09/23/15 15:47	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/21/15 15:37	09/23/15 15:47	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/21/15 15:37	09/23/15 15:47	1
beta-BHC	0.010	J p	0.050	0.0091	ug/L		09/21/15 15:37	09/23/15 15:47	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/21/15 15:37	09/23/15 15:47	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/21/15 15:37	09/23/15 15:47	1
Dieldrin	<0.0038	F2	0.050	0.0038	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/21/15 15:37	09/23/15 15:47	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/21/15 15:37	09/23/15 15:47	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/21/15 15:37	09/23/15 15:47	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/21/15 15:37	09/23/15 15:47	1
Heptachlor epoxide	<0.0037	F1	0.050	0.0037	ug/L		09/21/15 15:37	09/23/15 15:47	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/21/15 15:37	09/23/15 15:47	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/21/15 15:37	09/23/15 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		14 - 130	09/21/15 15:37	09/23/15 15:47	1
Tetrachloro-m-xylene	33	X	40 - 130	09/21/15 15:37	09/23/15 15:47	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-20

Date Collected: 09/17/15 13:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 16:31	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 16:31	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 16:31	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 16:31	1
alpha-BHC	0.11		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 16:31	1
beta-BHC	13		2.0	0.36	ug/L		09/21/15 15:37	09/23/15 17:00	40
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 16:31	1
delta-BHC	0.98		0.20	0.030	ug/L		09/21/15 15:37	09/23/15 16:45	4
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endosulfan sulfate	0.0092	J p	0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 16:31	1
Endrin ketone	0.012	J	0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 16:31	1
gamma-BHC (Lindane)	0.034	J p	0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 16:31	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 16:31	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 16:31	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 16:31	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/21/15 15:37	09/23/15 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		14 - 130	09/21/15 15:37	09/23/15 16:31	1
Tetrachloro-m-xylene	44		40 - 130	09/21/15 15:37	09/23/15 16:31	1

Client Sample ID: MW-21

Date Collected: 09/17/15 11:31

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-22

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 17:14	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 17:14	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 17:14	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 17:14	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 17:14	1
beta-BHC	1.8		0.25	0.045	ug/L		09/21/15 15:37	09/23/15 17:29	5
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 17:14	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 17:14	1
Dieldrin	<0.0038		0.049	0.0038	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endosulfan II	0.013	J	0.049	0.0042	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 17:14	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 17:14	1
gamma-BHC (Lindane)	0.0047	J p	0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 17:14	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 17:14	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 17:14	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 17:14	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-21

Date Collected: 09/17/15 11:31

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-22

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		4.9	0.40	ug/L		09/21/15 15:37	09/23/15 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		14 - 130				09/21/15 15:37	09/23/15 17:14	1
Tetrachloro-m-xylene	34	X	40 - 130				09/21/15 15:37	09/23/15 17:14	1

Client Sample ID: MW-22

Date Collected: 09/17/15 15:17

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-23

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0059		0.047	0.0059	ug/L		09/22/15 15:26	09/24/15 18:33	1
4,4'-DDE	<0.0048		0.047	0.0048	ug/L		09/22/15 15:26	09/24/15 18:33	1
4,4'-DDT	<0.0065	F1	0.047	0.0065	ug/L		09/22/15 15:26	09/24/15 18:33	1
Aldrin	<0.0067		0.047	0.0067	ug/L		09/22/15 15:26	09/24/15 18:33	1
alpha-BHC	0.58		0.047	0.0032	ug/L		09/22/15 15:26	09/24/15 18:33	1
beta-BHC	32		4.7	0.85	ug/L		09/22/15 15:26	09/24/15 20:04	100
Chlordane (technical)	<0.089		0.47	0.089	ug/L		09/22/15 15:26	09/24/15 18:33	1
delta-BHC	4.5		0.47	0.070	ug/L		09/22/15 15:26	09/24/15 19:18	10
Dieldrin	0.048	p	0.047	0.0035	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endosulfan I	<0.0033		0.047	0.0033	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endosulfan II	<0.0039	F1	0.047	0.0039	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endosulfan sulfate	<0.0048		0.047	0.0048	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endrin	<0.0049	F1	0.047	0.0049	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endrin aldehyde	<0.0057		0.047	0.0057	ug/L		09/22/15 15:26	09/24/15 18:33	1
Endrin ketone	0.056		0.047	0.0043	ug/L		09/22/15 15:26	09/24/15 18:33	1
gamma-BHC (Lindane)	0.28	F1	0.047	0.0034	ug/L		09/22/15 15:26	09/24/15 18:33	1
Heptachlor	<0.0066		0.047	0.0066	ug/L		09/22/15 15:26	09/24/15 18:33	1
Heptachlor epoxide	0.021	J p	0.047	0.0035	ug/L		09/22/15 15:26	09/24/15 18:33	1
Methoxychlor	<0.0091	F1	0.047	0.0091	ug/L		09/22/15 15:26	09/24/15 18:33	1
Toxaphene	4.7		4.7	0.37	ug/L		09/22/15 15:26	09/24/15 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		14 - 130				09/22/15 15:26	09/24/15 18:33	1
Tetrachloro-m-xylene	61		40 - 130				09/22/15 15:26	09/24/15 18:33	1

Client Sample ID: MW-23

Date Collected: 09/17/15 09:13

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-24

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 17:43	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 17:43	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 17:43	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 17:43	1
alpha-BHC	0.012	J	0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 17:43	1
beta-BHC	4.5		0.49	0.090	ug/L		09/21/15 15:37	09/23/15 17:58	10
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 17:43	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-23

Date Collected: 09/17/15 09:13

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-24

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	0.011	J	0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 17:43	1
Dieldrin	<0.0038		0.049	0.0038	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 17:43	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 17:43	1
gamma-BHC (Lindane)	0.051	p	0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 17:43	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 17:43	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 17:43	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 17:43	1
Toxaphene	<0.40		4.9	0.40	ug/L		09/21/15 15:37	09/23/15 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		14 - 130				09/21/15 15:37	09/23/15 17:43	1
Tetrachloro-m-xylene	65		40 - 130				09/21/15 15:37	09/23/15 17:43	1

Client Sample ID: MW-24

Date Collected: 09/14/15 16:53

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-25

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 18:12	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 18:12	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 18:12	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 18:12	1
alpha-BHC	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 18:12	1
beta-BHC	<0.0090		0.049	0.0090	ug/L		09/21/15 15:37	09/23/15 18:12	1
Chlordane (technical)	<0.094		0.49	0.094	ug/L		09/21/15 15:37	09/23/15 18:12	1
delta-BHC	<0.0074		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 18:12	1
Dieldrin	<0.0038		0.049	0.0038	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endosulfan I	<0.0035		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 18:12	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 18:12	1
gamma-BHC (Lindane)	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 18:12	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 18:12	1
Heptachlor epoxide	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 18:12	1
Methoxychlor	<0.0097		0.049	0.0097	ug/L		09/21/15 15:37	09/23/15 18:12	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/21/15 15:37	09/23/15 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		14 - 130				09/21/15 15:37	09/23/15 18:12	1
Tetrachloro-m-xylene	53		40 - 130				09/21/15 15:37	09/23/15 18:12	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-10 Duplicate

Lab Sample ID: 680-116914-26

Date Collected: 09/17/15 10:27

Matrix: Water

Date Received: 09/19/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0062		0.049	0.0062	ug/L		09/21/15 15:37	09/23/15 18:27	1
4,4'-DDE	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 18:27	1
4,4'-DDT	<0.0069		0.049	0.0069	ug/L		09/21/15 15:37	09/23/15 18:27	1
Aldrin	<0.0071		0.049	0.0071	ug/L		09/21/15 15:37	09/23/15 18:27	1
alpha-BHC	0.38		0.049	0.0033	ug/L		09/21/15 15:37	09/23/15 18:27	1
beta-BHC	5.9		0.98	0.18	ug/L		09/21/15 15:37	09/23/15 18:41	20
Chlordane (technical)	<0.093		0.49	0.093	ug/L		09/21/15 15:37	09/23/15 18:27	1
delta-BHC	0.36 p		0.049	0.0074	ug/L		09/21/15 15:37	09/23/15 18:27	1
Dieldrin	<0.0037		0.049	0.0037	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endosulfan I	<0.0034		0.049	0.0034	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endosulfan II	<0.0041		0.049	0.0041	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endosulfan sulfate	<0.0050		0.049	0.0050	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endrin	<0.0052		0.049	0.0052	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endrin aldehyde	<0.0060		0.049	0.0060	ug/L		09/21/15 15:37	09/23/15 18:27	1
Endrin ketone	<0.0045		0.049	0.0045	ug/L		09/21/15 15:37	09/23/15 18:27	1
gamma-BHC (Lindane)	0.16		0.049	0.0035	ug/L		09/21/15 15:37	09/23/15 18:27	1
Heptachlor	<0.0070		0.049	0.0070	ug/L		09/21/15 15:37	09/23/15 18:27	1
Heptachlor epoxide	<0.0036		0.049	0.0036	ug/L		09/21/15 15:37	09/23/15 18:27	1
Methoxychlor	<0.0096		0.049	0.0096	ug/L		09/21/15 15:37	09/23/15 18:27	1
Toxaphene	<0.39		4.9	0.39	ug/L		09/21/15 15:37	09/23/15 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		14 - 130	09/21/15 15:37	09/23/15 18:27	1
Tetrachloro-m-xylene	51		40 - 130	09/21/15 15:37	09/23/15 18:27	1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-116914-27

Date Collected: 09/17/15 17:32

Matrix: Water

Date Received: 09/19/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/21/15 15:37	09/23/15 23:57	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 23:57	1
4,4'-DDT	<0.0069		0.050	0.0069	ug/L		09/21/15 15:37	09/23/15 23:57	1
Aldrin	<0.0071		0.050	0.0071	ug/L		09/21/15 15:37	09/23/15 23:57	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/21/15 15:37	09/23/15 23:57	1
beta-BHC	<0.0090		0.050	0.0090	ug/L		09/21/15 15:37	09/23/15 23:57	1
Chlordane (technical)	<0.094		0.50	0.094	ug/L		09/21/15 15:37	09/23/15 23:57	1
delta-BHC	<0.0074		0.050	0.0074	ug/L		09/21/15 15:37	09/23/15 23:57	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/21/15 15:37	09/23/15 23:57	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/21/15 15:37	09/23/15 23:57	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/21/15 15:37	09/23/15 23:57	1
Heptachlor	<0.0070		0.050	0.0070	ug/L		09/21/15 15:37	09/23/15 23:57	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/21/15 15:37	09/23/15 23:57	1
Methoxychlor	<0.0097		0.050	0.0097	ug/L		09/21/15 15:37	09/23/15 23:57	1

TestAmerica Savannah

Client Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-116914-27

Date Collected: 09/17/15 17:32

Matrix: Water

Date Received: 09/19/15 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.40		5.0	0.40	ug/L		09/21/15 15:37	09/23/15 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	30		14 - 130	09/21/15 15:37	09/23/15 23:57	1
Tetrachloro-m-xylene	56		40 - 130	09/21/15 15:37	09/23/15 23:57	1

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: MB 680-401981/19-B

Matrix: Water

Analysis Batch: 402414

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 401981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/21/15 15:37	09/23/15 14:06	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 14:06	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/21/15 15:37	09/23/15 14:06	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/21/15 15:37	09/23/15 14:06	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/21/15 15:37	09/23/15 14:06	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		09/21/15 15:37	09/23/15 14:06	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/21/15 15:37	09/23/15 14:06	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/21/15 15:37	09/23/15 14:06	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/21/15 15:37	09/23/15 14:06	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/21/15 15:37	09/23/15 14:06	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/21/15 15:37	09/23/15 14:06	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/21/15 15:37	09/23/15 14:06	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/21/15 15:37	09/23/15 14:06	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/21/15 15:37	09/23/15 14:06	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/21/15 15:37	09/23/15 14:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		14 - 130	09/21/15 15:37	09/23/15 14:06	1
Tetrachloro-m-xylene	60		40 - 130	09/21/15 15:37	09/23/15 14:06	1

Lab Sample ID: LCS 680-401981/20-B

Matrix: Water

Analysis Batch: 402414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 401981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	0.100	0.0776		ug/L		78	54 - 135
4,4'-DDE	0.100	0.0714		ug/L		71	47 - 130
4,4'-DDT	0.100	0.0760		ug/L		76	47 - 134
Aldrin	0.100	0.0598		ug/L		60	34 - 130
alpha-BHC	0.100	0.0693		ug/L		69	48 - 130
beta-BHC	0.100	0.0742		ug/L		74	29 - 174
delta-BHC	0.100	0.0782		ug/L		78	44 - 142
Dieldrin	0.100	0.0772		ug/L		77	54 - 130
Endosulfan I	0.100	0.0648		ug/L		65	40 - 131
Endosulfan II	0.100	0.0705		ug/L		71	44 - 137
Endosulfan sulfate	0.100	0.0775		ug/L		78	49 - 139
Endrin	0.100	0.0773		ug/L		77	59 - 143
Endrin aldehyde	0.100	0.0745		ug/L		75	45 - 166
Endrin ketone	0.100	0.0815		ug/L		81	56 - 137
gamma-BHC (Lindane)	0.100	0.0712		ug/L		71	52 - 130
Heptachlor	0.100	0.0601		ug/L		60	35 - 130

TestAmerica Savannah

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: LCS 680-401981/20-B

Matrix: Water

Analysis Batch: 402414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 401981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Heptachlor epoxide	0.100	0.0745		ug/L		74	52 - 130
Methoxychlor	0.100	0.0833		ug/L		83	52 - 136
Surrogate	%Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	66		14 - 130				
Tetrachloro-m-xylene	50		40 - 130				

Lab Sample ID: 680-116914-20 MS

Matrix: Water

Analysis Batch: 402414

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 401981

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
4,4'-DDD	<0.0063		0.100	0.0800		ug/L		80	54 - 135
4,4'-DDE	<0.0051		0.100	0.0796		ug/L		80	47 - 130
4,4'-DDT	<0.0070		0.100	0.0896		ug/L		90	47 - 134
Aldrin	<0.0072		0.100	0.0777		ug/L		78	34 - 130
alpha-BHC	<0.0034		0.100	0.0803		ug/L		80	48 - 130
beta-BHC	0.010	J p	0.100	0.0931		ug/L		83	29 - 174
delta-BHC	<0.0075		0.100	0.0908		ug/L		91	44 - 142
Dieldrin	<0.0038	F2	0.100	0.107		ug/L		107	54 - 130
Endosulfan I	<0.0035		0.100	0.0654	p	ug/L		65	40 - 131
Endosulfan II	<0.0042		0.100	0.0707		ug/L		71	44 - 137
Endosulfan sulfate	<0.0051		0.100	0.0703		ug/L		70	49 - 139
Endrin	<0.0053		0.100	0.0776		ug/L		78	59 - 143
Endrin aldehyde	<0.0061		0.100	0.0705		ug/L		71	45 - 166
Endrin ketone	<0.0046		0.100	0.0733		ug/L		73	56 - 137
gamma-BHC (Lindane)	<0.0036		0.100	0.0806		ug/L		81	52 - 130
Heptachlor	<0.0071		0.100	0.0683		ug/L		68	35 - 130
Heptachlor epoxide	<0.0037	F1	0.100	0.132	F1	ug/L		132	52 - 130
Methoxychlor	<0.0098		0.100	0.0990		ug/L		99	52 - 136
									</

Lab Sample ID: 680-116914-20 MSD

Matrix: Water

Analysis Batch: 402414

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 401981

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
4,4'-DDD	<0.0063		0.0912	0.0647		ug/L		71	54 - 135	21	50
4,4'-DDE	<0.0051		0.0912	0.0593		ug/L		65	47 - 130	29	50
4,4'-DDT	<0.0070		0.0912	0.0709		ug/L		78	47 - 134	23	50
Aldrin	<0.0072		0.0912	0.0605		ug/L		66	34 - 130	25	50
alpha-BHC	<0.0034		0.0912	0.0639		ug/L		70	48 - 130	23	50
beta-BHC	0.010	J p	0.0912	0.0750		ug/L		71	29 - 174	22	50

TestAmerica Savannah

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: 680-116914-20 MSD

Matrix: Water

Analysis Batch: 402414

Client Sample ID: MW-19

Prep Type: Total/NA

Prep Batch: 401981

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	<0.0075		0.0912	0.0688		ug/L		75	44 - 142	28	50
Dieldrin	<0.0038	F2	0.0912	0.0564	p F2	ug/L		62	54 - 130	62	50
Endosulfan I	<0.0035		0.0912	0.0483	p	ug/L		53	40 - 131	30	50
Endosulfan II	<0.0042		0.0912	0.0553		ug/L		61	44 - 137	24	50
Endosulfan sulfate	<0.0051		0.0912	0.0583		ug/L		64	49 - 139	19	50
Endrin	<0.0053		0.0912	0.0595		ug/L		65	59 - 143	26	50
Endrin aldehyde	<0.0061		0.0912	0.0569		ug/L		62	45 - 166	21	50
Endrin ketone	<0.0046		0.0912	0.0571		ug/L		63	56 - 137	25	50
gamma-BHC (Lindane)	<0.0036		0.0912	0.0621		ug/L		68	52 - 130	26	50
Heptachlor	<0.0071		0.0912	0.0526		ug/L		58	35 - 130	26	50
Heptachlor epoxide	<0.0037	F1	0.0912	0.0977		ug/L		107	52 - 130	30	50
Methoxychlor	<0.0098		0.0912	0.0891		ug/L		98	52 - 136	11	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	38		14 - 130
Tetrachloro-m-xylene	45		40 - 130

Lab Sample ID: MB 680-402151/21-A

Matrix: Water

Analysis Batch: 402421

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0063		0.050	0.0063	ug/L		09/22/15 15:26	09/23/15 16:18	1
4,4'-DDE	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 16:18	1
4,4'-DDT	<0.0070		0.050	0.0070	ug/L		09/22/15 15:26	09/23/15 16:18	1
Aldrin	<0.0072		0.050	0.0072	ug/L		09/22/15 15:26	09/23/15 16:18	1
alpha-BHC	<0.0034		0.050	0.0034	ug/L		09/22/15 15:26	09/23/15 16:18	1
beta-BHC	<0.0091		0.050	0.0091	ug/L		09/22/15 15:26	09/23/15 16:18	1
Chlordane (technical)	<0.095		0.50	0.095	ug/L		09/22/15 15:26	09/23/15 16:18	1
delta-BHC	<0.0075		0.050	0.0075	ug/L		09/22/15 15:26	09/23/15 16:18	1
Dieldrin	<0.0038		0.050	0.0038	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endosulfan I	<0.0035		0.050	0.0035	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endosulfan II	<0.0042		0.050	0.0042	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endosulfan sulfate	<0.0051		0.050	0.0051	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endrin	<0.0053		0.050	0.0053	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endrin aldehyde	<0.0061		0.050	0.0061	ug/L		09/22/15 15:26	09/23/15 16:18	1
Endrin ketone	<0.0046		0.050	0.0046	ug/L		09/22/15 15:26	09/23/15 16:18	1
gamma-BHC (Lindane)	<0.0036		0.050	0.0036	ug/L		09/22/15 15:26	09/23/15 16:18	1
Heptachlor	<0.0071		0.050	0.0071	ug/L		09/22/15 15:26	09/23/15 16:18	1
Heptachlor epoxide	<0.0037		0.050	0.0037	ug/L		09/22/15 15:26	09/23/15 16:18	1
Methoxychlor	<0.0098		0.050	0.0098	ug/L		09/22/15 15:26	09/23/15 16:18	1
Toxaphene	<0.40		5.0	0.40	ug/L		09/22/15 15:26	09/23/15 16:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		14 - 130	09/22/15 15:26	09/23/15 16:18	1
Tetrachloro-m-xylene	76		40 - 130	09/22/15 15:26	09/23/15 16:18	1

TestAmerica Savannah

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: LCS 680-402151/22-A

Matrix: Water

Analysis Batch: 402421

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0936		ug/L		94	54 - 135
4,4'-DDE	0.100	0.0910		ug/L		91	47 - 130
4,4'-DDT	0.100	0.0945		ug/L		95	47 - 134
Aldrin	0.100	0.0846		ug/L		85	34 - 130
alpha-BHC	0.100	0.0863		ug/L		86	48 - 130
beta-BHC	0.100	0.0915		ug/L		92	29 - 174
delta-BHC	0.100	0.0944		ug/L		94	44 - 142
Dieldrin	0.100	0.0957		ug/L		96	54 - 130
Endosulfan I	0.100	0.0684		ug/L		68	40 - 131
Endosulfan II	0.100	0.0796		ug/L		80	44 - 137
Endosulfan sulfate	0.100	0.101		ug/L		101	49 - 139
Endrin	0.100	0.0881		ug/L		88	59 - 143
Endrin aldehyde	0.100	0.0919		ug/L		92	45 - 166
Endrin ketone	0.100	0.104		ug/L		104	56 - 137
gamma-BHC (Lindane)	0.100	0.0891		ug/L		89	52 - 130
Heptachlor	0.100	0.0842		ug/L		84	35 - 130
Heptachlor epoxide	0.100	0.0947		ug/L		95	52 - 130
Methoxychlor	0.100	0.105		ug/L		105	52 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	60		14 - 130
Tetrachloro-m-xylene	72		40 - 130

Lab Sample ID: 680-116914-23 MS

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	<0.0059		0.0988	0.141	F1	ug/L		142	54 - 135
4,4'-DDE	<0.0048		0.0988	0.155	F1	ug/L		157	47 - 130
4,4'-DDT	<0.0065	F1	0.0988	0.197	F1	ug/L		199	47 - 134
Aldrin	<0.0067		0.0988	0.0562	p	ug/L		57	34 - 130
alpha-BHC	0.58		0.0988	0.513	E 4	ug/L		-70	48 - 130
Dieldrin	0.048	p	0.0988	0.172		ug/L		126	54 - 130
Endosulfan I	<0.0033		0.0988	0.0754	p	ug/L		76	40 - 131
Endosulfan II	<0.0039	F1	0.0988	0.172	F1	ug/L		174	44 - 137
Endosulfan sulfate	<0.0048		0.0988	0.127		ug/L		128	49 - 139
Endrin	<0.0049	F1	0.0988	0.142	F1 p	ug/L		144	59 - 143
Endrin aldehyde	<0.0057		0.0988	0.186	F1	ug/L		189	45 - 166
Endrin ketone	0.056		0.0988	0.131		ug/L		76	56 - 137
gamma-BHC (Lindane)	0.28	F1	0.0988	0.309	F1	ug/L		26	52 - 130
Heptachlor	<0.0066		0.0988	0.0501	p	ug/L		51	35 - 130
Heptachlor epoxide	0.021	J p	0.0988	0.0900	p	ug/L		70	52 - 130
Methoxychlor	<0.0091	F1	0.0988	0.194	F1	ug/L		196	52 - 136

TestAmerica Savannah

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: 680-116914-23 MS

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	45		14 - 130
Tetrachloro-m-xylene	46		40 - 130

Lab Sample ID: 680-116914-23 MS

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
delta-BHC	4.5		0.0988	4.17	4	ug/L		-368	44 - 142

Lab Sample ID: 680-116914-23 MS

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
beta-BHC	32		0.0988	26.4	4	ug/L		-5347	29 - 174

Lab Sample ID: 680-116914-23 MSD

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
4,4'-DDD	<0.0059		0.0925	0.124		ug/L		134	54 - 135	12	50
4,4'-DDE	<0.0048		0.0925	0.138	F1	ug/L		149	47 - 130	11	50
4,4'-DDT	<0.0065	F1	0.0925	0.176	F1	ug/L		190	47 - 134	11	50
Aldrin	<0.0067		0.0925	0.0588	p	ug/L		64	34 - 130	4	50
alpha-BHC	0.58		0.0925	0.467	4	ug/L		-124	48 - 130	9	50
Dieldrin	0.048	p	0.0925	0.158		ug/L		119	54 - 130	8	50
Endosulfan I	<0.0033		0.0925	0.0664	p	ug/L		72	40 - 131	13	50
Endosulfan II	<0.0039	F1	0.0925	0.151	F1	ug/L		163	44 - 137	13	50
Endosulfan sulfate	<0.0048		0.0925	0.119		ug/L		128	49 - 139	7	50
Endrin	<0.0049	F1	0.0925	0.127	p	ug/L		137	59 - 143	12	50
Endrin aldehyde	<0.0057		0.0925	0.165	F1	ug/L		178	45 - 166	12	50
Endrin ketone	0.056		0.0925	0.118		ug/L		67	56 - 137	10	50
gamma-BHC (Lindane)	0.28	F1	0.0925	0.268	F1	ug/L		-16	52 - 130	14	50
Heptachlor	<0.0066		0.0925	0.0453	J p	ug/L		49	35 - 130	10	50
Heptachlor epoxide	0.021	J p	0.0925	0.0818	p	ug/L		66	52 - 130	10	50
Methoxychlor	<0.0091	F1	0.0925	0.180	F1	ug/L		195	52 - 136	7	50

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	39		14 - 130
Tetrachloro-m-xylene	44		40 - 130

TestAmerica Savannah

QC Sample Results

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

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

Lab Sample ID: 680-116914-23 MSD

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	4.5		0.0925	3.52	4	ug/L		-1098	44 - 142	17	50

Lab Sample ID: 680-116914-23 MSD

Matrix: Water

Analysis Batch: 402715

Client Sample ID: MW-22

Prep Type: Total/NA

Prep Batch: 402151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
beta-BHC	32		0.0925	22.9	4	ug/L		-9538	29 - 174	14	50

QC Association Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

GC Semi VOA

Prep Batch: 401981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-1	MW-1	Total/NA	Water	3520C	
680-116914-3	MW-2	Total/NA	Water	3520C	
680-116914-12	MW-11	Total/NA	Water	3520C	
680-116914-18	MW-17	Total/NA	Water	3520C	
680-116914-19	MW-18	Total/NA	Water	3520C	
680-116914-20	MW-19	Total/NA	Water	3520C	
680-116914-20 MS	MW-19	Total/NA	Water	3520C	
680-116914-20 MSD	MW-19	Total/NA	Water	3520C	
680-116914-21	MW-20	Total/NA	Water	3520C	
680-116914-22	MW-21	Total/NA	Water	3520C	
680-116914-24	MW-23	Total/NA	Water	3520C	
680-116914-25	MW-24	Total/NA	Water	3520C	
680-116914-26	MW-10 Duplicate	Total/NA	Water	3520C	
680-116914-27	Equipment Blank	Total/NA	Water	3520C	
LCS 680-401981/20-B	Lab Control Sample	Total/NA	Water	3520C	
MB 680-401981/19-B	Method Blank	Total/NA	Water	3520C	

Prep Batch: 402151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-2	MW-1A	Total/NA	Water	3520C	
680-116914-4	MW-3	Total/NA	Water	3520C	
680-116914-5	MW-4U	Total/NA	Water	3520C	
680-116914-6	MW-5A	Total/NA	Water	3520C	
680-116914-7	MW-5D	Total/NA	Water	3520C	
680-116914-8	MW-6	Total/NA	Water	3520C	
680-116914-9	MW-7	Total/NA	Water	3520C	
680-116914-10	MW-8	Total/NA	Water	3520C	
680-116914-11	MW-10	Total/NA	Water	3520C	
680-116914-13	MW-12	Total/NA	Water	3520C	
680-116914-14	MW-13	Total/NA	Water	3520C	
680-116914-15	MW-14	Total/NA	Water	3520C	
680-116914-16	MW-15	Total/NA	Water	3520C	
680-116914-17	MW-16	Total/NA	Water	3520C	
680-116914-23	MW-22	Total/NA	Water	3520C	
680-116914-23 MS	MW-22	Total/NA	Water	3520C	
680-116914-23 MSD	MW-22	Total/NA	Water	3520C	
LCS 680-402151/22-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-402151/21-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 402414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-1	MW-1	Total/NA	Water	8081B/8082A	402434
680-116914-3	MW-2	Total/NA	Water	8081B/8082A	402434
680-116914-12	MW-11	Total/NA	Water	8081B/8082A	402434
680-116914-18	MW-17	Total/NA	Water	8081B/8082A	402434
680-116914-19	MW-18	Total/NA	Water	8081B/8082A	402434
680-116914-20	MW-19	Total/NA	Water	8081B/8082A	402434
680-116914-20 MS	MW-19	Total/NA	Water	8081B/8082A	402434
680-116914-20 MSD	MW-19	Total/NA	Water	8081B/8082A	402434
680-116914-21	MW-20	Total/NA	Water	8081B/8082A	402434
680-116914-21	MW-20	Total/NA	Water	8081B/8082A	402434

TestAmerica Savannah

QC Association Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

GC Semi VOA (Continued)

Analysis Batch: 402414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-21	MW-20	Total/NA	Water	8081B/8082A	402434
680-116914-22	MW-21	Total/NA	Water	8081B/8082A	402434
680-116914-22	MW-21	Total/NA	Water	8081B/8082A	402434
680-116914-24	MW-23	Total/NA	Water	8081B/8082A	402434
680-116914-24	MW-23	Total/NA	Water	8081B/8082A	402434
680-116914-25	MW-24	Total/NA	Water	8081B/8082A	402434
680-116914-26	MW-10 Duplicate	Total/NA	Water	8081B/8082A	402434
680-116914-26	MW-10 Duplicate	Total/NA	Water	8081B/8082A	402434
LCS 680-401981/20-B	Lab Control Sample	Total/NA	Water	8081B/8082A	402434
MB 680-401981/19-B	Method Blank	Total/NA	Water	8081B/8082A	402434

Analysis Batch: 402421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-2	MW-1A	Total/NA	Water	8081B/8082A	402567
680-116914-4	MW-3	Total/NA	Water	8081B/8082A	402567
680-116914-5	MW-4U	Total/NA	Water	8081B/8082A	402567
680-116914-6	MW-5A	Total/NA	Water	8081B/8082A	402567
680-116914-7	MW-5D	Total/NA	Water	8081B/8082A	402567
680-116914-8	MW-6	Total/NA	Water	8081B/8082A	402567
680-116914-9	MW-7	Total/NA	Water	8081B/8082A	402567
680-116914-10	MW-8	Total/NA	Water	8081B/8082A	402567
LCS 680-402151/22-A	Lab Control Sample	Total/NA	Water	8081B/8082A	402151
MB 680-402151/21-A	Method Blank	Total/NA	Water	8081B/8082A	402151

Cleanup Batch: 402434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-1	MW-1	Total/NA	Water	3660B	401981
680-116914-3	MW-2	Total/NA	Water	3660B	401981
680-116914-12	MW-11	Total/NA	Water	3660B	401981
680-116914-18	MW-17	Total/NA	Water	3660B	401981
680-116914-19	MW-18	Total/NA	Water	3660B	401981
680-116914-20	MW-19	Total/NA	Water	3660B	401981
680-116914-20 MS	MW-19	Total/NA	Water	3660B	401981
680-116914-20 MSD	MW-19	Total/NA	Water	3660B	401981
680-116914-21	MW-20	Total/NA	Water	3660B	401981
680-116914-22	MW-21	Total/NA	Water	3660B	401981
680-116914-24	MW-23	Total/NA	Water	3660B	401981
680-116914-25	MW-24	Total/NA	Water	3660B	401981
680-116914-26	MW-10 Duplicate	Total/NA	Water	3660B	401981
680-116914-27	Equipment Blank	Total/NA	Water	3660B	401981
LCS 680-401981/20-B	Lab Control Sample	Total/NA	Water	3660B	401981
MB 680-401981/19-B	Method Blank	Total/NA	Water	3660B	401981

Analysis Batch: 402549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-27	Equipment Blank	Total/NA	Water	8081B/8082A	402434

Cleanup Batch: 402567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-2	MW-1A	Total/NA	Water	3660B	402151
680-116914-4	MW-3	Total/NA	Water	3660B	402151

TestAmerica Savannah

QC Association Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

GC Semi VOA (Continued)

Cleanup Batch: 402567 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-5	MW-4U	Total/NA	Water	3660B	402151
680-116914-6	MW-5A	Total/NA	Water	3660B	402151
680-116914-7	MW-5D	Total/NA	Water	3660B	402151
680-116914-8	MW-6	Total/NA	Water	3660B	402151
680-116914-9	MW-7	Total/NA	Water	3660B	402151
680-116914-10	MW-8	Total/NA	Water	3660B	402151
680-116914-11	MW-10	Total/NA	Water	3660B	402151
680-116914-13	MW-12	Total/NA	Water	3660B	402151
680-116914-14	MW-13	Total/NA	Water	3660B	402151
680-116914-15	MW-14	Total/NA	Water	3660B	402151
680-116914-16	MW-15	Total/NA	Water	3660B	402151
680-116914-17	MW-16	Total/NA	Water	3660B	402151
680-116914-23	MW-22	Total/NA	Water	3660B	402151
680-116914-23 MS	MW-22	Total/NA	Water	3660B	402151
680-116914-23 MSD	MW-22	Total/NA	Water	3660B	402151

Analysis Batch: 402708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-14	MW-13	Total/NA	Water	8081B/8082A	402567
680-116914-16	MW-15	Total/NA	Water	8081B/8082A	402567
680-116914-17	MW-16	Total/NA	Water	8081B/8082A	402567

Analysis Batch: 402715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-6	MW-5A	Total/NA	Water	8081B/8082A	402567
680-116914-6	MW-5A	Total/NA	Water	8081B/8082A	402567
680-116914-7	MW-5D	Total/NA	Water	8081B/8082A	402567
680-116914-7	MW-5D	Total/NA	Water	8081B/8082A	402567
680-116914-8	MW-6	Total/NA	Water	8081B/8082A	402567
680-116914-10	MW-8	Total/NA	Water	8081B/8082A	402567
680-116914-11	MW-10	Total/NA	Water	8081B/8082A	402567
680-116914-11	MW-10	Total/NA	Water	8081B/8082A	402567
680-116914-13	MW-12	Total/NA	Water	8081B/8082A	402567
680-116914-15	MW-14	Total/NA	Water	8081B/8082A	402567
680-116914-23	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MS	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MS	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MS	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MSD	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MSD	MW-22	Total/NA	Water	8081B/8082A	402567
680-116914-23 MSD	MW-22	Total/NA	Water	8081B/8082A	402567

Analysis Batch: 402867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-116914-14	MW-13	Total/NA	Water	8081B/8082A	402567

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-1

Date Collected: 09/15/15 16:47

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			507.3 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	507.3 mL	5 mL	402414	09/23/15 14:35	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-1A

Date Collected: 09/15/15 17:40

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			541.5 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	541.5 mL	5 mL	402421	09/23/15 19:22	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-2

Date Collected: 09/14/15 13:45

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			505.3 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	505.3 mL	5 mL	402414	09/23/15 14:49	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-3

Date Collected: 09/15/15 14:37

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.7 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.7 mL	5 mL	402421	09/23/15 19:37	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-4U

Date Collected: 09/15/15 15:37

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.9 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.9 mL	5 mL	402421	09/23/15 19:53	JCK	TAL SAV
Instrument ID: CSGZ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-5A

Date Collected: 09/17/15 16:33

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			514.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	514.0 mL	5 mL	402421	09/23/15 20:08	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			514.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		5	514.0 mL	5 mL	402715	09/24/15 16:46	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			514.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		25	514.0 mL	5 mL	402715	09/24/15 17:02	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-5D

Date Collected: 09/17/15 17:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.0 mL	5 mL	402421	09/23/15 20:23	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			504.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	504.0 mL	5 mL	402715	09/24/15 17:17	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			504.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		40	504.0 mL	5 mL	402715	09/24/15 17:32	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-6

Date Collected: 09/16/15 10:30

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.9 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.9 mL	5 mL	402421	09/23/15 20:39	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			502.9 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		4	502.9 mL	5 mL	402715	09/24/15 17:47	JCK	TAL SAV
Instrument ID: CSGZ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-7

Date Collected: 09/16/15 15:21

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			507.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	507.0 mL	5 mL	402421	09/23/15 20:54	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-8

Date Collected: 09/16/15 17:17

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.5 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.5 mL	5 mL	402421	09/23/15 21:09	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			501.5 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		5	501.5 mL	5 mL	402715	09/24/15 18:18	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-10

Date Collected: 09/17/15 10:27

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			504.5 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	504.5 mL	5 mL	402715	09/24/15 20:49	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			504.5 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		20	504.5 mL	5 mL	402715	09/24/15 21:04	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-11

Date Collected: 09/14/15 15:30

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			501.7 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	501.7 mL	5 mL	402414	09/23/15 15:04	JCK	TAL SAV
Instrument ID: CSGJ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-12

Date Collected: 09/16/15 16:25

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.0 mL	5 mL	402715	09/24/15 21:20	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-13

Date Collected: 09/16/15 11:33

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			500.9 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	500.9 mL	5 mL	402708	09/24/15 20:17	JCK	TAL SAV
Instrument ID: CSGJ										
Total/NA	Prep	3520C			500.9 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	500.9 mL	5 mL	402867	09/25/15 17:37	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-14

Date Collected: 09/16/15 09:28

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.8 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	506.8 mL	5 mL	402715	09/24/15 21:35	JCK	TAL SAV
Instrument ID: CSGZ										

Client Sample ID: MW-15

Date Collected: 09/15/15 11:43

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			509.4 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	509.4 mL	5 mL	402708	09/24/15 20:46	JCK	TAL SAV
Instrument ID: CSGJ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-16

Date Collected: 09/16/15 14:06

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.0 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.0 mL	5 mL	402708	09/24/15 21:00	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-17

Date Collected: 09/14/15 18:39

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.6 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.6 mL	5 mL	402414	09/23/15 15:18	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-18

Date Collected: 09/15/15 10:41

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			505.4 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	505.4 mL	5 mL	402414	09/23/15 15:33	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-19

Date Collected: 09/15/15 09:20

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			502.3 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	502.3 mL	5 mL	402414	09/23/15 15:47	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-20

Date Collected: 09/17/15 13:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	506.9 mL	5 mL	402414	09/23/15 16:31	JCK	TAL SAV
Instrument ID: CSGJ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-20

Date Collected: 09/17/15 13:56

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		4	506.9 mL	5 mL	402414	09/23/15 16:45	JCK	TAL SAV
Instrument ID: CSGJ										
Total/NA	Prep	3520C			506.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		40	506.9 mL	5 mL	402414	09/23/15 17:00	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-21

Date Collected: 09/17/15 11:31

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			505.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	505.9 mL	5 mL	402414	09/23/15 17:14	JCK	TAL SAV
Instrument ID: CSGJ										
Total/NA	Prep	3520C			505.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		5	505.9 mL	5 mL	402414	09/23/15 17:29	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-22

Date Collected: 09/17/15 15:17

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			535.7 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	535.7 mL	5 mL	402715	09/24/15 18:33	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			535.7 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	535.7 mL	5 mL	402715	09/24/15 19:18	JCK	TAL SAV
Instrument ID: CSGZ										
Total/NA	Prep	3520C			535.7 mL	5 mL	402151	09/22/15 15:26	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402567	09/23/15 16:00	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		100	535.7 mL	5 mL	402715	09/24/15 20:04	JCK	TAL SAV
Instrument ID: CSGZ										

TestAmerica Savannah

Lab Chronicle

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Client Sample ID: MW-23

Date Collected: 09/17/15 09:13

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.1 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	506.1 mL	5 mL	402414	09/23/15 17:43	JCK	TAL SAV
Instrument ID: CSGJ										
Total/NA	Prep	3520C			506.1 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	506.1 mL	5 mL	402414	09/23/15 17:58	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-24

Date Collected: 09/14/15 16:53

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			506.6 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	506.6 mL	5 mL	402414	09/23/15 18:12	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: MW-10 Duplicate

Date Collected: 09/17/15 10:27

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			508.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	508.9 mL	5 mL	402414	09/23/15 18:27	JCK	TAL SAV
Instrument ID: CSGJ										
Total/NA	Prep	3520C			508.9 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		20	508.9 mL	5 mL	402414	09/23/15 18:41	JCK	TAL SAV
Instrument ID: CSGJ										

Client Sample ID: Equipment Blank

Date Collected: 09/17/15 17:32

Date Received: 09/19/15 10:45

Lab Sample ID: 680-116914-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			503.7 mL	5 mL	401981	09/21/15 15:37	RBS	TAL SAV
Total/NA	Cleanup	3660B			5 mL	5 mL	402434	09/23/15 11:16	JCK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	503.7 mL	5 mL	402549	09/23/15 23:57	JCK	TAL SAV
Instrument ID: CSGJ										

Laboratory References:

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

TestAmerica Savannah

Serial Number 97967

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

☐ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>GPA-Bainbridge</i>	PROJECT NO. <i>400207-4.5</i>	PROJECT LOCATION (STATE) <i>GA</i>	MATRIX TYPE	REQUIRED ANALYSIS	PAGE <i>1</i> OF <i>3</i>
TAL (LAB) PROJECT MANAGER <i>Sheila Hoffmann</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...) <i>8081B</i>	STANDARD REPORT DELIVERY DATE DUE <i>Oct 2, 2015</i> EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE _____ NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
CLIENT (SITE) PM <i>Alan Sanders</i>	CLIENT PHONE <i>770-772-7100</i>	CLIENT FAX			
CLIENT NAME <i>EIC</i>	CLIENT E-MAIL <i>asanders@eicusa.com</i>				
CLIENT ADDRESS <i>161 Kimball Bridge Rd Alpharetta, GA 30009</i>					
COMPANY CONTRACTING THIS WORK (if applicable)					

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
9/15/15	16:47	MW-1	G	✓				1										
9/15/15	17:40	MW-1A	G	✓				1										
9/14/15	13:45	MW-2	G	✓				1										
9/15/15	14:37	MW-3	G	✓				1										
9/15/15	15:37	MW-4U	G	✓				1										
9/17/15	16:33	MW-5A	G	✓				1										
9/17/15	17:56	MW-5D	G	✓				1										
9/16/15	10:30	MW-6	G	✓				1										
9/16/15	15:21	MW-7	G	✓				1										
9/16/15	17:17	MW-8	G	✓				1										
9/17/15	10:27	MW-10	G	✓				21										
9/14/15	15:30	MW-11	G	✓				1										



680-116914 Chain of Custody



680-116914 Chain of Custody

RELINQUISHED BY: (SIGNATURE) <i>Amelia</i>	DATE <i>9/18/15</i>	TIME <i>17:15</i>	RELINQUISHED BY: (SIGNATURE) <i>Ray</i>	DATE <i>9/18/15</i>	TIME <i>17:15</i>	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>Ray</i>	DATE <i>9/18/15</i>	TIME <i>17:15</i>	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>CR</i>	DATE <i>09-19-15</i>	TIME <i>10:45</i>	CUSTODY INTACT YES ☐ NO ☐	CUSTODY SEAL NO.	SAVANNAH LOG NO. <i>680-116918</i>	LABORATORY REMARKS <i>2.0/2.4/2.2/2.6°C 1.8/2.2°C 7.4/1.8°C</i>
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Serial Number 97968

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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Phone: (912) 354-7858
Fax: (912) 352-0165

☐ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE GFA Bainbridge		PROJECT NO. 400007-4.5	PROJECT LOCATION (STATE) GA	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 2	OF 3		
TAL (LAB) PROJECT MANAGER Sheila Hoffman		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	STANDARD REPORT DELIVERY DATE DUE 10/2/15 EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE _____									
CLIENT (SITE) PM Alan Sanders		CLIENT PHONE 770-772-7100	CLIENT FAX															
CLIENT NAME ETC		CLIENT E-MAIL asanders@eicusa.com																
CLIENT ADDRESS 161 Kimball Bridge Rd Alpharetta, GA 30009				PRESERVATIVE NUMBER OF COOLERS SUBMITTED PER SHIPMENT:														
COMPANY CONTRACTING THIS WORK (if applicable)																		
SAMPLE		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED										REMARKS				
DATE	TIME																	
9/16/15	16:25	MW-12		G✓														
9/16/15	11:33	MW-13		G✓														
9/16/15	9:28	MW-14		G✓														
9/15/15	11:43	MW-15		G✓														
9/16/15	14:06	MW-16		G✓														
9/14/15	18:39	MW-17		G✓														
9/15/15	10:41	MW-18		G✓														
9/15/15	9:20	MW-19		G✓											extra sample included for laboratory QA			
9/17/15	13:56	MW-20		G✓														
9/17/15	11:31	MW-21		G✓														
9/17/15	15:17	MW-22		G✓											extra sample included for laboratory QA			
9/17/15	9:13	MW-23		G✓														
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME			
<i>Amelia</i>		9/18/15	17:45	<i>Amelia</i>		9/18/15	17:25	<i>Amelia</i>				<i>Amelia</i>						
RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME			
<i>Lyndy</i>		9/18/15	17:15	<i>Lyndy</i>				<i>Lyndy</i>				<i>Lyndy</i>						
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT YES ☐ NO ☐	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS											
<i>Lyndy</i>		9/18/15	10:45			680-116918	2.0/24°C 1.8/2.2°C 2.2/26°C											

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

 **TestAmerica Savannah**
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

☐ Alternate Laboratory Name/Location

Phone:
Fax:

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

Login Sample Receipt Checklist

Client: Environmental International Corporation

Job Number: 680-116914-1

Login Number: 116914

List Source: TestAmerica Savannah

List Number: 1

Creator: Banda, Christy S

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Environmental International Corporation
Project/Site: GPA Bainbridge

TestAmerica Job ID: 680-116914-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-16
Arkansas DEQ	State Program	6	88-0692	01-31-16
California	State Program	9	2939	07-31-16
Colorado	State Program	8	N/A	12-31-15
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-16
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	803	06-30-16
Guam	State Program	9	14-004r	04-16-16
Hawaii	State Program	9	N/A	06-30-16
Illinois	NELAP	5	200022	11-30-15
Indiana	State Program	5	N/A	06-30-15 *
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-15
Kentucky (UST)	State Program	4	18	06-30-16
Kentucky (WW)	State Program	4	90084	12-31-15
Louisiana	NELAP	6	30690	06-30-16
Louisiana (DW)	NELAP	6	LA150014	12-31-15
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-15
Massachusetts	State Program	1	M-GA006	06-30-16
Michigan	State Program	5	9925	03-05-16
Mississippi	State Program	4	N/A	06-30-15 *
Montana	State Program	8	CERT0081	12-31-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-16
New Jersey	NELAP	2	GA769	09-30-15 *
New Mexico	State Program	6	N/A	06-30-16
New York	NELAP	2	10842	03-31-16
North Carolina (DW)	State Program	4	13701	07-31-16
North Carolina (WW/SW)	State Program	4	269	12-31-15
Oklahoma	State Program	6	9984	08-31-15 *
Pennsylvania	NELAP	3	68-00474	06-30-16
Puerto Rico	State Program	2	GA00006	12-31-15
South Carolina	State Program	4	98001	06-30-15 *
Tennessee	State Program	4	TN02961	06-30-16
Texas	NELAP	6	T104704185-14-7	11-30-15
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-15
West Virginia DEP	State Program	3	094	06-30-16
Wisconsin	State Program	5	999819810	08-31-16
Wyoming	State Program	8	8TMS-L	06-30-16

* Certification renewal pending - certification considered valid.

TestAmerica Savannah

HSI SITE 10071, GEORGIA PORTS AUTHORITY – BAINBRIDGE TERMINAL

SIXTH VIRP SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT C MONTHLY SUMMARY OF HOURS INVOICED

Environmental International Corporation

GPA VIRP

April 2015 through October 2015

TASKS	April 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	TOTAL
Task 4.5 - GW Remediation	288	160	161	110	180	332	163	1,394
Task 4.6 - Meetings & Site Visits	30	22	35	29	30	48	0	193
Total Hours	318	182	196	138	210	380	163	1,588