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November 21, 2016

Mr. Jason Metzger
Georgia Department of Natural Resources
Response and Remediation Program
2 Martin Luther King, Jr. Drive, S.E.
Suite 1054 East Tower
Atlanta, Georgia 30334-9000
404-463-0530

Subject: **Fifth VIRP Semi-annual Progress Report**
Former McKenzie Tank Lines Site
HSI Site No. 10406
111 Grange Road, Port Wentworth, Georgia
Tax Parcels: 1-0729-01-007 and 1-0729-01-009

Dear Mr. Metzger:

On behalf of McKenzie Tank Lines, Inc. (MTL), Environmental International Corporation (EIC) is pleased to submit the attached Fifth VIRP Semi-annual Progress Report for the above referenced site.

Enclosed are the following:

1. One signed and sealed certification page for the report.
2. One bound paper copy of the report.
3. Two Compact Discs, each with the report in searchable PDF format.

If you have any questions regarding this submittal, please contact Mr. Thomas F. Panebianco of MTL at 1-800-828-6495 or me at the above location.

Sincerely,

ENVIRONMENTAL INTERNATIONAL CORPORATION

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

Cc: Thomas F. Panebianco, McKenzie Tank Lines
Christopher Novack, Georgia Ports Authority

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH VIRP SEMI-ANNUAL PROGRESS REPORT

11/21/2016

Submitted to:

GEORGIA ENVIRONMENTAL PROTECTION DIVISION

Georgia Department of Natural Resources

Response and Remediation Program

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

Prepared for:

MCKENZIE TANK LINES, INC.

1966 Commonwealth Lane
Tallahassee, FL 32304

Submitted with the consent of:

GEORGIA PORTS AUTHORITY

PO Box 2406
Savannah, Georgia 31402

Prepared by:

ENVIRONMENTAL INTERNATIONAL CORPORATION

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CERTIFICATION AND SUPPORTING DOCUMENTATIONS
Fifth VIRP Semi-annual Progress Report
Former McKenzie Tank Lines Site, Port Wentworth, Georgia
HSI Site No. 10406
November 21, 2016

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

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

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

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

11/21/16
Date

Signature and Stamp

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SECTION

1

1.0 Introduction

On behalf of McKenzie Tank Lines, Inc. (MTL), Environmental International Corporation (EIC) is pleased to submit this "Fifth VIRP Semi-annual Progress Report" to Georgia Environmental Protection Division (EPD) to chronicle project activities concerning the former MTL site, Hazardous Site Inventory (HSI) site 10406, located at 111 Grange Road, Land Lot 30, Tax Parcel IDs 1-0729-01-007 and 1-0729-01-009, Port Wentworth, Georgia, (Site). This report was prepared as specified in the January, 29, 2014 "Voluntary Investigation and Remediation Plan (VIRP) Application" that was approved by the EPD on May 20, 2014 under the Voluntary Remediation Program (VRP) (EIC, 2014a).

1.1 Primary Objective

The primary objective of this report is to chronicle the tasks completed by MTL during the six-month time frame during the period of from May 2016 through October 2016. This report documents the following tasks:

- Responses to October 6, 2016 EPD Comment letter;
- Follow-up responses to selected comments from January 8, 2016 EPD Comment letter;
- The third semi-annual groundwater monitoring event;
- The abandonment of 5 recovery wells; and
- Delineation soil sampling for chlorinated volatile organic compounds (CVOCs) in Areas of Concern (AOCs) and other areas identified by the EPD.

A Site map is included as Figure 1-1. The following sections describe the aforementioned tasks.

SECTION

2

2.0 Response to EPD Comment Letter

2.1 Responses to October 8, 2016 Comment Letter

The following is a response on behalf of MTL to EPD's review and list of comments letter, dated October 6, 2016 (EPD, 2016b).

Comments and Responses

EPD Comment 1:

Responses to EPD's January 8, 2016 Comment Letter, which were included in Section 2 of the above referenced report, still indicated that metals detected in the holding pond area and arsenic detections in monitoring well MW-13S have not been delineated. Please ensure that these outstanding issues have been addressed prior to submitting the final CSR.

Response to EPD Comment 1:

Metals contamination will be addressed to the extent possible prior to the submission of a Compliance Status Report (CSR).

EPD Comment 2:

Shallow well groundwater analytical data was not included in the VRP Progress Report 4 tables. Please submit the shallow well groundwater analytical data tables for the VRP Progress Report 4 and include this data in future progress reports.

Response to EPD Comment 2:

The table including new and historical shallow groundwater analytical data was inadvertently omitted from the Fourth Semi-annual Progress Report (EIC, 2016). Table 3-3 in this report includes cumulative shallow groundwater analytical data from all VIRP sampling events, as well as for all available historical data.

EPD Comment 3:

EPD concurs with abandoning monitoring wells G-22 and MW-U2; however, EPD does not concur with removing these well locations from the monitoring well network. If G-22 and MW-U2 are abandoned, please replace each well as close to its original location, depth and screen interval as possible, and follow EPA Region 4 SESD guidance documents for installing and abandoning monitoring wells. EPD understands that no well construction data exists for MW-U2. If abandoned, please replace MW-U2 to a depth representative of shallow groundwater contamination conditions.

Response to EPD Comment 3:

Considering the MW-U2 lies within the known extents of the monitored CVOC plumes and additional shallow monitoring wells, MW-31 and MW-32 already exist in the vicinity it does not appear that a replacement monitoring well at the location of MW-U2 would be useful. Since MW-32 is a shallow well located within 70 feet east of MW-U2, it is EIC's position on behalf of MTL that well MW-32 adequately serves the purpose of substituting for MW-U2 within the monitoring well network. EIC agrees, however that a well of comparable depth and screened interval (although a 2-inch ID cased rather than a 1-inch ID cased, as G-22 is) should be installed within five feet of G-22 once it is abandoned.

EPD Comment 4:

EPD concurs with the proposed additional soil samples to complete delineation in AOC-6.

Response to EPD Comment 4:

EPD's comment is noted. Additional soil sampling is proposed in Section 4.0 of this report.

2.2 Follow-up Responses to the January 8, 2016 Comment Letter

The following is a follow-up response, on behalf of MTL, to select comments from the EPD's review and list of comments letter, dated January 8, 2016 (EPD, 2016a) that were originally addressed in the Fourth Semi-annual Report (EIC, 2016).

EPD Comment 1:

Responses to EPD's May 20, 2014, VRP Application Comments letter, which were included in Section 2 of the above referenced progress report, still indicated that information and documentation necessary to address previous comments will be provided in future report submittals. Please ensure that by no later than the November 2016 scheduled VRP Progress Report submittal that the following outstanding issues are addressed: additional groundwater and soil delineation data,

additional surface water/sediment sampling and ecological impact evaluation, and a conceptual site model update.

Response to EPD Comment 1 from Fourth Semi-annual Report:

"EPD's comment is noted. Additional soil and sediment sampling data has been collected and is discussed in Section 4.0 of this report. A conceptual site model update was included in the Third VIRP Semi-annual Progress Report (EIC, 2015b). The model will be further updated as additional pertinent information is collected."

Follow-up Response:

An ecological impact evaluation has been initiated, and will be discussed in a future semi-annual progress report, and a further refinement of the conceptual site model is presented in Section 6.0 of this report. Furthermore, the completion of the evaluation is pending the completion of the delineation of soil and sediments in AOC 6.

EPD Comment 4:

[Response to Comment (4)] The Section 2.0 "Response" continues to indicate that the area associated with the "Former Office and Shop" does not warrant any additional investigations. EPD requests that the surface soils (0-2 feet) in this area be screened for the contaminants of concern either by utilizing a photoionization detector (PID) or a GORE Sorber type sampler. The necessity for further assessments in this area can be dependent upon the results of the soil gas screening.

Response to EPD Comment 4 from Fourth Semi-annual Report:

"EPD's comment is noted. Screening samples will be collected and their results be included in future semi-annual reports."

Follow up response:

Screening samples were collected in the area of the "Former Office and Shop" and are discussed in Section 4.0 of this report. No COCs above laboratory detection limits were detected in any of these samples.

EPD Comment 6:

EPD does not concur with the conclusion that PCE and TCE have been delineated in groundwater to the Type I risk reduction standard (RRS). To complete the required delineation, please conduct additional groundwater investigations in the following locations:

a. *To the south of MW-32 and MW-47D, between the wells and the surface water feature.*

b. *North of MW-44D, and east of MW-47D and MW-44D.*

Response to EPD Comment 6 from Fourth Semi-annual Report:

New groundwater monitoring wells will be installed at these locations to delineate PCE, TCE and the other defined constituents of concern (COCs) DCE and VC in groundwater to Type I RRS.

Follow up response:

Based on a follow-up site visit, EIC has determined that new monitoring wells to be installed to the east of wells MW-44D and MW-47D would lie in active operating areas of the GPA facility. This area has a high amount of truck traffic and is actively used by GPA for moving and parking truck trailers and containers. Jersey barriers, that could present surface obstructions to drilling or sampling activities, are also located in these areas. EIC will contact and coordinate with GPA on determining the appropriate well locations for GPA and EIC. New monitoring wells to the south of MW-32 and MW-47D have also been proposed. EIC will consider well depth and the average groundwater flow direction in determining the placement of these new wells.

EPD Comment 7:

EPD concurs with the replacement/abandonment of recovery wells RW-2, -3, -5, -6, and -7.

Response to EPD Comment 7 from Fourth Semi-annual Report:

EPD's comment is noted. Abandonment activities will be detailed in future semi-annual reports. In addition to these wells, based on the discussion of well limitations in Section 3.4.5 and Section 3.6.2 of this report, wells G-22 and MW-U2 will also be abandoned.

Follow up response:

In July 2016, EIC abandoned wells RW-2, -3, -5, -6, and -7. Details on the abandonment of these wells is described in Section 5.0 of this report. EIC plans to abandon both wells G-22 and MW-U2 as discussed in the response to comment 3 from October 2016 above.

SECTION

3

3.0 Groundwater Monitoring

The sixth VIRP groundwater monitoring event was conducted in April 2016. This monitoring event included gauging groundwater levels at all wells of the monitoring well network onsite and the collection of groundwater samples from each of these wells for CVOC analysis.

3.1 Groundwater Monitoring Objectives

The primary objectives of the groundwater monitoring program are to meet the following goals set forth in the VIRP:

- Establish a baseline for CVOC plume stability analysis,
- Track MNA by monitoring the groundwater concentrations of CVOCs and water quality parameters within the existing plume,
- Determine if the prevailing groundwater contaminant concentrations are meeting or trending towards meeting the established RRS, and
- Determine if the horizontal and vertical extents of the CVOCs have been defined.

3.2 Groundwater Monitoring Field Program

During the April 2016 monitoring event, EIC conducted groundwater monitoring activities at a total of 43 wells onsite. As designated in the VIRP, wells with screened intervals that are less than 20 feet below ground surface (bgs) were historically defined as shallow wells and those with screened intervals reaching greater than 20 feet bgs are defined as deep wells (EIC, 2014a). Of the 43 wells monitored, 19 are so defined as shallow wells and 24 are defined as deep wells. Four of the 24 deep wells are recovery wells (RW-1, RW-4, RW-8, and RW-9). Each recovery well consists of either a 4-inch or 6-inch ID PVC well casing/screen. The inner diameters (ID) of the solid well casings and screens of the monitoring wells range in size from 3/4-inch to 1-inch to 2-inches.

3.2.1 Sampling Protocol

The groundwater sampling program was conducted in accordance with the current U.S. EPA Region 4 groundwater sampling procedure "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).

3.2.2 Site Access

Prior to the field visit, EIC coordinated with the GPA in gaining access to the Site to conduct groundwater monitoring and related tasks. All work at the Site was completed under the supervision of EIC.

3.2.3 Groundwater Gauging

Prior to sampling, EIC gauged each well with a decontaminated oil-water interface meter (or "probe") to determine the static depth to groundwater. EIC utilized TOC elevations from October 2013, July 2015, and January 2016 well surveys previously conducted by EIC to determine the current groundwater elevations. The gauging data for the April 2016 monitoring event is tabulated in Table 3-1.

3.2.4 Groundwater Sampling

Following the "low-flow" purge technique, noted in Section 3.4.1, EIC utilized a peristaltic pump with variable lengths of disposable 1/4-inch ID Teflon-lined tubing and a 6-inch segment of 3/16-inch ID silicon tubing at the pump head to purge each well until groundwater quality parameters reached stabilization prior to sampling. The length of Teflon-tubing necessary to place the intake at the center of the wetted screened interval of each well was determined considering water levels gauged just prior to purging during this sampling event and considering the available well construction data, as noted in EIC well purging and sampling data field logs (Attachment 3-1).

Groundwater stabilization parameters were monitored via direct pumping to a multi-parameter field water quality field meter equipped with a flow-through cell. These parameters were recorded at approximately five-minute intervals on EIC field logs (Attachment 3-1). Additionally, purge volumes and depth-to-water (DTW) measurements were recorded at the same five-minute intervals when possible. At each well, the pumping rate was decreased and/or the tubing depth increased when drawdown lowered the water level to the tubing intake level, causing air to be pumped. When purging 1-inch and 3/4-inch diameter wells, while the Teflon tubing (that has a 3/8-inch outer diameter (OD)) was inserted in the well, the oil-water interface probe (that has a 5/8-inch OD) could not be simultaneously inserted into the well to gauge the depth to water due

to space limitations. At these wells, gauging could only be performed only just prior to inserting the tubing and immediately after the tubing was removed.

EIC considered that stabilization was reached when 3 consecutive groundwater quality parameter readings were within ± 0.1 units for pH and ± 5% for specific conductivity during purging. Reasonable attempts were made at each well to reach 0.2 mg/L of dissolved oxygen (DO) and a turbidity reading at or below 10 Nephelometric Turbidity Units (NTUs) prior to sampling. Groundwater quality field parameters (Temperature, pH, oxygen reduction potential (ORP), conductivity, turbidity, and DO) after stabilization and prior to sample collection are summarized in Table 3-2. Note that, during the April 2016 sampling event, 2 wells had turbidity levels higher than 10 NTUs. Additionally, wells G-22 and MW-U2 were sampled without stabilization due to poor recharge. All samples were collected using the "soda straw method" specified in the SOP SESDPROC-301-R3 under the FBQSTP (EPA, 2013).

3.2.5 Sample Custody and Laboratory Analysis

Immediately after each sample set was collected, the sample bottles were labeled, and the samples were stored with ice in double-sealed bags insulated thermal containers ("coolers") provided by the laboratory. The samples were maintained with sufficient ice in these coolers until they were relinquished to the laboratory. Completed chain-of-custody forms accompanied all samples. EIC delivered the samples to Test America Laboratories in Savannah, Georgia - a Georgia Department of Natural Resources (DNR) certified laboratory. The laboratory conducted analysis of volatile organic compounds using EPA method 8260B. The laboratory report for the April 2016 event is included as Attachment 3-2. The results of the laboratory analysis are summarized in Table 3-3 and 3-4 along with historical analytical data.

3.3 Quality Assurance and Quality Control

To prevent cross-contamination, new disposable Teflon-lined tubing was utilized to collect a sample at each well. EIC's oil/water interface meter and any other reusable field equipment that came in contact with groundwater was decontaminated prior to use and between sample locations. This was accomplished by first washing this equipment with a pressurized phosphate-free detergent solution and rinsing with pressurized de-ionized (DI) water. Brushes and/or wipes were also utilized if necessary. After each sample was collected, the water quality parameters instrument flow-through cell was opened and decontaminated with pressurized DI water. In the event of gross contamination, EIC used detergent solution in addition to DI water in cleaning this instrument.

For sample quality assurance and quality control, EIC maintained a trip blank set in each of the sample containers. Each trip blank was analyzed along with the groundwater samples collected at the Site.

3.4 Data Evaluation

EIC conducted an evaluation of the data compiled and tabulated from field measurements and laboratory analyses. This evaluation enabled the definition of the groundwater potentiometric surface and flow direction, as well as the extents of the prevailing CVOC plumes at the time of the April 2016 monitoring event.

As discussed in the VIRP, EIC has continued to distinguish between unconfined shallow and deep aquifers in illustrating groundwater potentiometric surfaces and CVOC plumes. The following subsections describe EIC's analysis and understanding of the potentiometric surfaces and the prevailing CVOC plumes at the Site.

3.4.1 Groundwater Potentiometric Surfaces

3.4.1.1 Shallow Groundwater Potentiometric Surface

The April 2016 groundwater gauging event data is summarized in Table 3-1. In addition, Table 3-5 summarizes all shallow groundwater gauging data collected at the Site following the initiation of the VIRP program. EIC compared the shallow well gauging data from the April 2016 sampling event to historic events summarized in Table 3-5. Referring to Table 3-5, the shallow groundwater potentiometric surface elevations at the Site are lower than those of the April 2015 gauging event, but similar to the global average observed since VIRP monitoring began.

Utilizing the data presented in Table 3-1, EIC prepared a shallow groundwater potentiometric surface map, as illustrated in Figure 3-1. Due to the historically anomalous groundwater surface elevations observed at wells MW-2S and MW-U2, relative to the surrounding groundwater elevations, the data from these wells were not considered for potentiometric surface contouring. The anomalies observed at these wells may have resulted from a relative shallow depth of completion (which are less than 10 feet bgs), relative to confining or partially confining stratums, and may represent perched groundwater conditions. Furthermore, groundwater recharge at MW-U2 is normally anomalously low as compared with other shallow wells. This anomaly could be caused due to poor well design (currently no data is available on its design), and/or silt accumulation, and/or a clogged well screen.

EIC compared Figure 3-1 to previous shallow potentiometric surface maps included in previous VIRP semi-annual progress reports (EIC 2014b, 2015a, 2015b, 2016). From this comparison, a prominent trough feature, which extends across the Site, has become more clearly apparent since the addition of the monitoring wells since the implementation of the VIRP tasks. The potentiometric surface data also indicates that groundwater generally flows from east-northeast to west-southwest across the Site and the shallow unconfined potentiometric surface remains relatively stable in elevation over time.

3.4.1.2 Deep Groundwater Potentiometric Surface

As with the shallow potentiometric surface elevations at the Site, EIC also compared the deep well gauging data from the April 2016 sampling event to all other previous events summarized in Table 3-6. Referring to Table 3-6, the average potentiometric surface elevations in deep wells are lower than those of the previous April 2015 events. Referring to the data presented in Table 3-6, there is no apparent seasonal trend in the deep groundwater potentiometric surface at the Site. EIC will continue to evaluate the gauging data collected during each semi-annual groundwater gauging and sampling event to determine if any trends become apparent.

Utilizing the gauging data in Table 3-1, EIC prepared a deep groundwater potentiometric surface map, Figure 3-2. EIC then compared Figure 3-2 to previous potentiometric surface maps included in previous VIRP semi-annual progress reports (EIC 2014b, 2015a, 2015b and 2016). In comparing Figure 3-2 to these maps, it is apparent that a persistent trough feature, which extends through the center of the Site, is still the predominant deep potentiometric surface feature affecting the groundwater flow path at the Site. In comparing the potentiometric surface from the April 2015 event with those of previous groundwater monitoring events, it is apparent that groundwater generally flows from east-northeast to west-southwest across the Site and the deep potentiometric surface remains relatively stable in elevation over time.

3.4.2 Horizontal Extent of CVOC Plumes

The COCs at the Site consist of CVOCs: tetrachloroethene or perchloroethene (PCE), trichloroethene (TCE), cis-1, 2 dichloroethene (DCE), and vinyl chloride (VC). Utilizing analytical results summarized in Tables 3-3 and 3-4, EIC prepared Figures 3-3 through 3-10, which illustrate the horizontal extent of the four CVOC constituent plumes within both the defined shallow and deep aquifer horizons. In addition, the figures illustrate the horizontal extent of the plumes with concentrations above RRS and above delineation criteria.

As discussed in the previous Fourth Semi-annual Progress Report, COC concentrations in groundwater collected from well MW-U2 were not considered in preparing each of the shallow isoconcentration maps. Consequently, EIC will discontinue gauging and sampling at MW-U2 and has effectively removed this well from the monitoring well network for all future sampling events.

3.4.2.1 PCE Plume

Utilizing the analytical results of samples collected during the April 2016 sampling event that are summarized in Tables 3-3 and 3-4, EIC prepared PCE isoconcentration maps to illustrate the horizontal extent of this plume. The following subsections describe the concentrations in shallow and deep environments.

Shallow PCE

Figure 3-3 illustrates the horizontal extent of the shallow portion of the PCE plume during the April 2016 monitoring event. Referring to Figure 3-3, the shallow plume is confirmed to be above delineation criterion only at wells MW-31 and MW-32. PCE concentrations at the majority of remaining monitoring wells were below the laboratory method detection limit (MDL). It is important to note, however, that the laboratory method detection limits (MDLs) were much higher for MW-4S, MW-40S and MW-50S due to dilution. The MDL was lower than the RRS but above delineation criteria. For the purposes of mapping, these concentrations were assumed to be equivalent to the MDL for each sample analyzed. The April 2016 sampling event is the fifth consecutive VIRP sampling event in which PCE concentrations above RRS did not occur at any shallow wells.

Deep PCE

Figure 3-4 illustrates the horizontal extent of the PCE plume at the defined deep wells during the April 2016 monitoring event. Referring to Figure 3-4, concentrations above RRS were found at only monitoring well MW-2D. The concentrations in the remainder of the plume were above delineation standards only at wells PAW-4, MW-47D and MW-49D. The peak concentration observed at MW-2D decreased, as compared to the October 2015 monitoring event, while the overall plume extent remained similar.

3.4.2.2 TCE Plume

Utilizing the analytical results summarized in Tables 3-3 and 3-4, EIC prepared TCE isoconcentration maps to illustrate the horizontal extent of this plume. The following subsections describe the concentrations in shallow and deep environments.

Shallow TCE

Figure 3-5 illustrates the horizontal extent of the shallow portion of the TCE plume during the April 2016 monitoring event. Shallow TCE concentrations above RRS and above the delineation criterion were detected at monitoring wells MW-4S, MW-31, MW-32, and MW-40S. Considering that the sample from well MW-40S was diluted during laboratory analysis, the concentration value at this well is assumed to be the upper limit determined in analysis and concentration contours were drawn based on this assumption in Figure 3-5. The overall extent of the April 2015 shallow TCE plume reduced significantly relative to the plume observed during the October 2015 sampling event.

Deep TCE

Figure 3-6 illustrates the horizontal extent of the deep portion of the TCE plume during the April 2016 monitoring event. Deep TCE concentrations above RRS and above the delineation criterion were found at monitoring wells MW-2D, MW-44D, MW-47D, MW-49D, and PAW-4. The overall extent and concentrations of the April 2016 deep TCE plume are similar to those which

occurred during the October 2015 event with the exception of an increase in concentration observed at MW-49D.

3.4.2.3 cis-1, 2 DCE Plume

Utilizing the analytical results summarized in Tables 3-3 and 3-4, EIC prepared DCE isoconcentration maps to illustrate the horizontal extent of this plume. The following subsections describe the concentrations in shallow and deep environments.

Shallow DCE

Figure 3-7 illustrates the horizontal extent of the shallow portion of the DCE plume during the April 2016 monitoring event. Shallow DCE concentrations above RRS occurred at monitoring wells MW-4S, MW-40S, and MW-50S. The overall extent of the shallow DCE plume during the April 2016 monitoring event was similar to the extent during the October 2015 monitoring event with general reductions in concentrations, except at MW-4S.

Deep DCE

Figure 3-8 illustrates the horizontal extent of the deep portion of the DCE plume in April 2016. Deep DCE concentrations above RRS were found in monitoring wells MW-2D and MW-49D. Relative to the DCE plume prepared from the October 2015 sampling event, the overall extent of the April 2016 deep DCE plume increased with higher concentrations observed at several wells; particularly at well MW-49D. These increases may be indicative of the degradation of the parent constituents, PCE and TCE.

3.4.2.4 VC Plume

Utilizing the analytical results summarized in Tables 3-3 and 3-4, EIC prepared VC isoconcentration maps to illustrate the horizontal extent of this plume. The following subsections describe the concentrations in shallow and deep environments.

Shallow VC

Figure 3-9 illustrates the horizontal extent of the shallow portion of the VC plume during the April 2016 monitoring event. Shallow VC concentrations above RRS were found at monitoring wells MW-4S, MW-33, MW-46S, and MW-50S. It is important to note that the concentration observed at MW-40S was below the MDL. However, since the MDL was higher than the RRS, EIC cannot confirm whether or not the concentration observed at MW-40S was below the RRS. As such, the concentration value at this well is assumed to be equivalent to the MDL and concentration contours were drawn based on this assumption in Figure 3-9. The overall extent of the shallow VC plume remained similar to that which occurred during the October 2015 event with the peak of the plume shifting from well MW-50S to MW-4S.

Deep VC

Figure 3-10 illustrates the horizontal extent of the deep portion of the VC plume during the October 2015 monitoring event. Deep VC concentrations above RRS were found in monitoring wells MW-2D, MW-49D, MW-51D, MW-54D, MW-55D, and PAW-4. The known extent of the deep VC plume was further defined with the addition of RW-9 to the monitoring well network, such that it has been determined that the plume extended north of RW-9. It should be noted, however, that concentrations across the plume remained stable with the exception of an increase at well MW-49D.

3.4.3 Horizontal Delineation of COC Plumes

As EPD noted in its January 2016 comment letter (Comment 6 in Section 2), horizontal delineation of COCs has not been completed due to observed concentrations at certain shallow and deep wells located at the eastern and southern periphery of the COC plumes. Specifically, the delineation of shallow COC plumes south of well MW-32 and deep COC plumes upgradient of wells MW-44D and MW-47D is incomplete. Nevertheless, it appears that there is a general downward trend of COC concentrations at each of these three wells over the last three sampling events. As discussed in the follow-up response to Comment 6 in Section 2, however, EIC plans to install four new wells – one shallow well south of shallow well MW-32 – one deep well south of MW-47D -- and two deep wells upgradient of wells MW-44D and MW-47D to further define the horizontal extent of the plume.

3.4.3 Vertical Delineation of COC Plumes

Of the current monitoring well network, well MW-35 is the deepest known well within the footprint of the COC plumes. This well is also located near the downgradient extent or leading edge of the COC plumes. Based on gauging measurements that EIC has collected and historical well data provided by a previous consultant, the total depth of the well is 38.02 feet bgs. MW-35 has a 10-foot screen interval at the well bottom.
Under the VIRP, EIC has sampled this well since February 2014, with gauging data listed in Table 3-4. Referring to Table 3-4, the concentrations of all monitored COCs in groundwater samples

from MW-35 have consistently been below MDLs during all sampling events since February 2014 with the exception of a concentration of 0.58 µg/L of DCE in April 2016 which is well below the established RRS limit of 204 µg/L for DCE. EIC will continue to include well MW-35 in the monitoring program but it appears that vertical delineation of the plume has been completed.

3.4.4 Plume Attenuation and Stability

Based on the relatively high levels of PCE degradation products and their relative concentrations observed at the Site, it is clearly evident that natural attenuation is occurring at the Site. Also, an overall comparison of the COC plume extents and concentrations between the July 2014 baseline monitoring event (following the installation of 20 new monitoring wells) and the April 2016 monitoring event indicates that the plumes are confined to a relatively small area within the Site and continue to decrease in concentration. This finding substantiates plume stability. EIC will continue to evaluate this trend and evaluate the extent of natural attenuation while developing plans for active remediation.

SECTION

4

4.0 Soil and Sediment Sampling

4.1 Background

As discussed in previous semi-annual reports, EIC has completed delineation of COCs in soil and sediments within nine of the ten AOCs established in the VIRP for the Site. However, further delineation was required within AOC-6. In its January 2016 comments letter, EPD requested soil sampling in three additional areas beyond the ten AOCs identified in the VIRP. These areas include two possible areas of pipe failure along a subgrade storm water drainage pipe and the area of a former office and shop.

EIC completed the aforementioned additional soil and sediment sampling activities in July 2016. One sediment boring and 24 soil borings were conducted in AOC-6 and the three additional areas identified by EPD. Soil samples collected within AOC-6, were collected just above the groundwater level inside each soil core. Soil samples collected within the three additional areas were collected in two depth-discrete intervals, further described in Section 4.3. These activities resulted in the collection of one sediment sample from AOC-6 and 42 soil samples from AOC-6 and the three additional areas identified by the EPD. The samples were submitted to a Georgia-certified laboratory for analysis via EPA method 8260B (VOC analysis). The following subsections describe the general sampling approach, field procedures, and analytical results.

4.2 Sample Locations

Based on the results of previous soil and sediment sampling activities conducted by EIC under the VIRP, EIC determined the locations for additional proposed soil and sediment sampling locations for further delineation. In general, within AOC-6, additional soil borings were conducted approximately 5 feet in each cardinal direction from the locations of previous soil borings where samples concentrations of COCs were above the delineation criteria. Figure 4-1 illustrates the new locations and previous soil and sediment sample locations within AOC-6.

Based on site observations, aerial photography, and historical maps, EIC identified the two possible areas of storm water pipe failure and the approximate locations of the former office and shop at the Site. Figure 4-2 illustrates the approximate locations of these features, as well as the

position of each sample location relative to each of these features. The following subsections describe the sampling process.

4.2.1 AOC-6

Referring to Figure 5-7 of the Second VIRP Semi-annual Progress Report (EIC, 2015a), soil concentrations in one sample (AOC6-SD-3) collected within AOC-6, were above the delineation criteria. To further delineate the COCs in surrounding soil/sediment, EIC conducted additional soil and sediment borings within AOC-6 utilizing the patterned method described in the Second VIRP Semi-annual Progress Report.

Referring to Figure 4-3 of the Fourth VIRP Semi-annual Progress Report (EIC, 2016), analytical results of soil and sediment samples collected during the January 2016 sampling event indicated that soil/sediment samples from borings to the north and to the west of the AOC6-SD-3 sample location were above the delineation criteria. Consequently, EIC conducted 1 additional sediment and 6 additional soil borings within AOC-6. These borings were conducted to the north and west of AOC6-SD-3, to further delineate AOC-6. Figure 4-1 illustrates both the previous and new boring locations within AOC-6.

As discussed in Section 4.5, following the July 2016 sampling event, EIC has determined that further delineation soil sampling is required to the west of AOC-6. If COCs in soil are detected outside of the bounds of the original AOC-6 border, EIC will modify the boundaries of AOC-6 to accommodate the delineated areas of COCs in soil.

4.2.2 Storm water Pipe Failure and Former Office and Shop Locations

Figure 4-2 illustrates the boring locations near the two areas of possible storm water pipe failure and at the former office and shop. Six (6) borings were conducted on each side of the storm water pipe near each of the two possible areas of storm water pipe failure. The borings were spaced approximately 10 to 15 feet apart along the length of the pipe, for a total of twelve (12) borings. Also, as illustrated in Figure 4-2, four (4) borings were conducted along the periphery of the approximate location of the former office and shop.

4.3 Sampling Procedures

Following the soil sample collection guidelines specified in SESDPROC-300-R3 (EPA, 2014b), a Geoprobe rig, hand-operated bucket auger, or hand-operated sand probe with a disposable acetate sleeve was utilized to collect soil cores at each boring location. Since the groundwater depth at the Site typically ranges from 3 to 6 feet bgs, soil borings were conducted from 0 to 5 feet bgs.

As needed, EIC utilized a photo-ionization detector (PID) instrument to screen each core sample for VOCs prior to sample collection. When PID readings were elevated, EIC biased soil samples to the approximate location within the soil core where the PID readings most exceeded

background concentrations. If PID readings did not indicate relatively high levels of VOCs, EIC collected samples at two discrete depths (2.0-2.5 and 4.0-4.5 feet bgs) at each boring location. EIC collected samples at discrete depth intervals from each soil core. EIC collected soil samples from each soil core utilizing Terra-core soil sampling kits. For any soil where EIC encountered groundwater at a shallow depth, EIC collected one sample just above the saturation point of that core sample.

EIC collected sediment samples following the guidelines documented in SESDPROC-200-R3 (EPA, 2014a). To collect samples, EIC advanced the sand probe lined with an acetate sleeve approximately 2 feet into sediments of the streambed of the north-south ditch at each sampling location and then retracted the probe. EIC then removed the acetate sleeve from the probe to drain any excess water, if necessary. Then, utilizing a Terra-core sampler, EIC collected a sample from the acetate sleeve.

EIC tabulated the collection depth and other related data for each soil and sediment sample in Tables 4-1 and 4-2. EIC individually labeled all sample bottles and field rinsate blank samples and placed them, along with laboratory-supplied temperature blanks, in insulated coolers with ice, continuously maintained ice in the coolers, and then relinquished the samples to a Georgia-certified laboratory for analysis via EPA Method 8260B. Completed and signed chain-of-custody forms were submitted to the laboratory with the samples by EIC.

4.3.1 Decontamination Procedures

To ensure that reusable equipment utilized to collect soil and sediment samples did not cause cross-contamination during sampling activities, EIC implemented an extensive decontamination procedure following the collection of samples from each location. The following subsections describe the decontamination procedure for each sampling equipment type.

4.3.1.1 Geoprobe Direct-Push Technology (DPT) Boring

EIC, with the assistance of a drilling contractor, conducted several soil borings utilizing a Geoprobe™ drill rig with reusable stainless steel Megacore™ sampling tubes with disposable acetate sleeves. After completing each boring, the Megacore sampling tube was decontaminated both inside and out by flushing and spraying with a phosphate-free detergent (Alconox™) solution. EIC then had the drilling contractor thoroughly wash the stainless steel tube in this solution with a wire brush, rinse the tube with deionized water, and then allow it to dry before reuse.

4.3.1.2 Sand Probe

EIC conducted both the sediment and soil borings within the relatively soft/loose sediment and soils within AOC-6 utilizing a metallic sand probe, disposable acetate sleeve inserts, and a sliding hammer. Prior to and following the collection of these samples with the sand probe, EIC dismantled the probe for decontamination. Smaller parts of the probe, such as a removable probe

tip and extension rod cotter connecting pins, were submerged in a phosphate-free detergent (Alconox) and scrubbed with a wire brush. The probe tube was then filled with an Alconox solution, temporarily sealed, and agitated to remove any gross contamination. The tube was then scrubbed with a pipe brush. After the sand probe assembly was thoroughly washed, the probes were rinsed with deionized water and allowed to dry before reassembling and reuse.

4.4 Quality Assurance and Quality Control

To insure the quality of each soil/sediment sample collected, laboratory-supplied liquid trip blanks were kept with all sample bottle sets in each cooler container at all times throughout all sampling activities and these were submitted to a Georgia certified laboratory along with the soil/sediment samples collected for analysis via EPA method 8260B (VOC analysis). Each trip blank underwent the same EPA method 8260B analysis as did the soil/sediment samples. The laboratory results for the July 2016 sampling event are presented in Attachment 4-1 and include the results of the trip blanks. The analytical results of the trip blanks document that all VOCs were below detection limits indicating that no cross-contamination occurred within each sample cooler.

In addition to the trip blanks utilized for each cooler container, EIC also collected one equipment rinsate sample from the decontaminated sand probe utilized in the July 2016 sampling event. The rinsate sample was analyzed by EPA method 8260B. The results of the equipment rinsate sample for this event are included in Attachment 4-1. Referring to Attachment 4-1, the VOC concentrations were below the method detection limits for all VOCs analyzed in the equipment rinsate sample. These results indicate that the thorough decontamination procedures implemented by EIC during soil and sediment sampling activities were sufficient in preventing cross-contamination between samples.

4.5 Analysis and Analytical Results

Each soil and sediment sample was analyzed by a Georgia certified laboratory (Analytical Environmental Services (AES)) using EPA method 8260B. The laboratory results for all samples collected are included in Attachment 4-1. Results for each sample collected are also tabulated in Tables 4-1 and 4-2 and illustrated in Figures 4-1 through 4-2. The following subsections describe the sample results and subsequent delineation status for each AOC.

4.5.1 AOC-6 Delineation

As discussed in Section 4.2, EIC conducted 6 additional soil borings and 1 additional sediment boring within AOC-6 to complete sediment delineation sampling. EIC collected samples along the centerline of the north-south ditch from the same sample depth interval as the original AOC6-SD-3 boring. Along the banks of the north-south ditch - to the east and west of AOC6-SD-3, respectively - EIC collected soil samples above the apparent groundwater depth.

The results for each additional soil and sediment sample collected within AOC-6 are presented in Table 4-1 and the boring locations are illustrated in Figure 4-1. Referring to Figure 4-1, it is apparent that sediment within AOC-6 has been horizontally delineated to the north, south, and east. However, samples collected along the western side of AOC-6 were above the delineation criteria. Therefore, it is apparent that further delineation sampling is necessary to complete the horizontal delineation of contamination within AOC-6. Since soil samples just above the depth of saturated soil have been collected at all soil borings within AOC-6, the soil in the vadose zone within AOC-6 has been vertically delineated.

4.5.2 Storm water Pipe Collapse and Former Office and Shop Locations

As discussed in Section 4.2, EIC conducted 18 new soil borings to characterize the soil near two possible areas of storm water pipe failure along a north-south running storm water pipe and near the former office and shop. The laboratory results for each soil sample collected from these borings are presented in Table 4-2. Referring to Table 4-2 and Figure 4-2, it is evident that all soil samples collected from the possible areas of storm water pipe collapse and former office and shop locations are below method detection limits for each COC. As such, it is apparent that no further characterization or delineation is required near these areas.

SECTION

5

5.0 Recovery Wells Abandonment

Following EPD's concurrence in a January 2016 comment letter (EPD, 2016a) of EIC's recommendations (EIC, 2015b) to abandon recovery wells RW-2, -3, -5, -6, and -7, EIC completed the abandonment of all five wells in July 2016. The following subsections describe the abandonment procedures conducted by EIC.

5.1 Background

As discussed in previous semi-annual progress reports (EIC 2016, 2015b), recovery wells RW-2, -3, -5, -6, and -7 was observed to be fully silted over time (with well screens in these wells ranging from approximately 50 percent silted to 100 percent silted) and declined in usability for monitoring purposes. Additionally, as 20 new monitoring wells were installed at the Site under the direction of EIC during the first quarter of 2015, effectively replacing these recovery wells for monitoring purposes, and as EIC had removed these wells from the monitoring well network, these wells were no longer needed for groundwater monitoring purposes. EIC commenced the abandonment of these five wells in July of 2016.

5.2 Well Abandonment Procedure

EIC completed abandonment in accordance with SESDGUID-101-R1 (EPA, 2013) and Water Well Standards Act of 1985, O.C.G.A. 12-5-120 (GA 2011). Due to lack of well construction logs that identify well construction and borehole diameter, EIC determined that well casing extraction or over-drilling would not be practical. As such, EIC utilized the grouting in place method of abandonment described in SESDGUID-101-R1 (EPA 2013).

At each recovery well, MTL removed the outer casing and any remaining electric cables or tubing related to previously utilized groundwater pumps. EIC then used a drilling contractor to excavate soil around the top of the well casing to a depth of approximately three (3) feet bgs and stockpile this soil near the well. The contractor then cut the top of inner well casing at this depth. Next, the drilling contractor filled the inner casing with a 30% bentonite grout mixture to the depth of the water table (saturated zone) in each respective well. The contractor then used cement to grout the remainder of the bore hole. Once the cement grout was allowed to fully set, the contractor utilized the stockpiled soil to fill the ground surface flush-to-grade.

SECTION

6

6.0 SCM Update

As part of the VIRP submittal, EIC prepared an initial site conceptual model (SCM) based on information known at the time. As described in the VIRP, the SCM was planned to be updated as additional material was progressively gained during the implementation of the VIRP. Accordingly, EIC has compiled additional data to further define the site characteristics and potential fluid flow hydrodynamics. An updated SCM report will be submitted to the EPD under a separate cover.

In preparing an updated SCM report, EIC made revisions to the groundwater hydrology, COC plume delineation, and COC concentration trend analysis sections including data gathered following the installation of new monitoring wells. Additionally, revisions were made to the soil COC sections following further soil delineation sampling.

SECTION

7

7.0 Summary

After the submittal of the Fourth Semi-annual Progress Report in May 2016, EIC continued the implementation of various tasks outlined in the VIRP and as directed by the EPD. The following paragraphs describe these activities.

EIC conducted the first semi-annual groundwater monitoring event of 2016 in April 2016. This event served as the third round of sampling after the installation of 20 new monitoring wells. The data from this event was used for comparative analysis of the CVOC plumes. Based on the relatively high levels of PCE degradation products observed at the Site, it is evident that natural attenuation is occurring at the Site. The CVOC plume is stable and confined to a relatively small area within the Site and it continues to decrease overall in concentration.

EIC also completed additional confirmatory soil sampling, as discussed in the previous semi-annual report. The delineation of soils with COC concentrations above the delineation criteria within AOC-6 remains incomplete along the western edge of AOC-6, as discussed in Section 4.0. Further analysis and planning for soil delineation sampling west of AOC-6 is being conducted by EIC. Confirmatory sampling that EIC conducted at the areas where the storm water pipe apparently collapsed and at the former office and shop location indicated that all COCs are below detection limits in these areas and these areas are considered to be fully delineated.

In July of 2016, EIC completed the abandonment of five recovery wells that had accumulated significant amounts of silt since their installation. For future groundwater remediation purposes, recovery wells RW-8 and RW-9 have been installed as initial replacements for the abandoned recovery wells.

EIC also updated the site conceptual model (SCM) to include additional information gathered from aquifer testing and new well installations. Further updates will be made to the SCM as new information becomes available.

SECTION

8

8.0 Monthly Summary of Hours

A monthly summary of hours invoiced for the aforementioned tasks during the period from May 2016 through October 2016 is summarized in Attachment 8-1.

SECTION

9

9.0 References

Environmental International Corporation (EIC), 2014a. *VIRP Application, Former McKenzie Tank Lines Site, Port Wentworth Georgia.* Alpharetta, Georgia. January 29, 2014.

EIC, 2014b. *First VIRP Semi-annual Progress Report – HSI Site 10406, Former McKenzie Tank Lines Site.* Alpharetta, Georgia. November 11, 2014.

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EIC, 2015b. *Third VIRP Semi-annual Progress Report – HSI Site 10406, Former McKenzie Tank Lines Site.* Alpharetta, Georgia. November 18, 2015.

EIC, 2016. *Fourth VIRP Semi-annual Progress Report – HSI Site 10406, Former McKenzie Tank Lines Site.* Alpharetta, Georgia. May 19, 2016.

Georgia Environmental Protection Division (EPD), 2016a. *Voluntary Remediation Program Progress Reports McKenzie Tank Lines Site, HSI # 10406 Port Wentworth, Chatham County, Georgia Tax parcel ID #s 1-0729-01-007 & 1-0729-01-009.* Atlanta, Georgia. January 8, 2016.

EPD, 2016b. *Voluntary Remediation Program Progress Report McKenzie Tank Lines Site, HSI # 10406 Port Wentworth, Chatham County, Georgia Tax parcel ID #s 1-0729-01-007 & 1-0729-01-009.* Atlanta, Georgia. October 6, 2016.

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

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EPA, 2014b. *Soil Sampling, Operating Procedure, Number SESDPROC-300-R3*. Region 4, U.S. Environmental Protection Agency, Science and Ecosystem Support Division, Athens, Georgia. August 21, 2014.

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TABLES

Table 3-1: April 2016 Well Gauging Data

Well ID # (Dia., in.)	TOC Elevation* (ft., NAVD88)	DTW BTOC (ft.)	Groundwater Surface Elevation (ft., NAVD88)	Notes
Shallow Wells**				
G-17 (1)	8.94	5.10	3.84	
G-19 (1)	9.85	6.00	3.85	
G-22 (1)	9.36	6.85	2.51	
MW-2S (2)	11.54	4.00	7.54	
MW-4S (2)	10.86	6.24	4.62	
MW-15S (1)	8.27	4.51	3.76	
MW-29 (1)	9.39	2.89	6.50	
MW-31 (1)	11.96	6.80	5.16	
MW-32 (1)	12.02	5.50	6.52	
MW-33 (1)	8.48	4.67	3.81	
MW-37S (2)	10.14	5.25	4.89	
MW-40S (2)	5.57	1.60	3.97	
MW-42S (2)	10.71	4.40	6.31	
MW-45S (2)	13.74	6.75	6.99	
MW-46S (2)	14.01	6.69	7.32	
MW-48S (2)	13.56	6.45	7.11	
MW-50S (2)	11.18	5.78	5.40	
MW-U2 (2)	10.91	4.40	6.51	
PAW-3 (2)	11.83	5.41	6.42	
Deep Wells**				
MW-2D (2)	11.39	4.91	6.48	
MW-11D (2)	16.07	8.64	7.43	
MW-14D (2)	12.06	6.43	5.63	
MW-26 (1)	8.42	3.41	5.01	
MW-35 (0.75)	6.28	1.10	5.18	
MW-36 (0.75)	9.86	4.77	5.09	
MW-38D (2)	10.08	5.40	4.68	
MW-39D (2)	7.25	3.23	4.02	
MW-41D (2)	9.59	4.15	5.44	
MW-43D (2)	10.77	4.66	6.11	
MW-44D (2)	13.83	7.15	6.68	
MW-47D (2)	13.63	6.77	6.86	
MW-49D (2)	11.09	5.84	5.25	
MW-51D (2)	9.87	5.10	4.77	
MW-52D (2)	8.29	3.60	4.69	
MW-53D (2)	7.62	2.70	4.92	
MW-54D (2)	10.91	4.98	5.93	
MW-55D (2)	11.78	6.05	5.73	
MW-56D (2)	10.68	4.55	6.13	
PAW-4 (2)	11.99	5.78	6.21	
RW-1 (4) ***	11.69	4.88	6.81	
RW-2 (4)	9.24	NM	N/A	
RW-3 (6)	7.58	NM	N/A	
RW-4 (6) ***	13.25	6.68	6.57	
RW-5 (6)	11.71	NM	N/A	
RW-6 (6)	10.12	NM	N/A	
RW-7 (6)	8.63	NM	N/A	
RW-8 (4)	7.43	2.60	4.83	
RW-9 (4)	11.79	5.69	6.10	

Notes:

ID = Identity
Dia. = Diameter
In. = Inches
ft. = feet
BTOC = Below Top of Casing
DTW = Depth to Water
N.M. = Not Measured
N/A - Not Applicable

*Top of casing (TOC)
**Wells with screen intervals reaching depths greater than 20 feet below ground surface are considered deep wells, otherwise they are considered a shallow wells
***Gauged with GW pump removed from well

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
G-17	8/13/2013	24.44	6.04	33	0.972	2.5	3.57
	7/16/2014	23.67	5.63	-16	0.265	112	0.49
	10/13/2015	25.89	5.65	-31	1.34	0.6	0.33
	4/19/2016	23.73	6.41	92	138	0	0.72
G-19	8/15/2013	21.92	3.81	230	0.095	34.6	1.34
	2/21/2014	17.69	4.39	41	0.296	14	0.71
	7/17/2014	22.39	4.17	86	0.419	0	0.69
	10/7/2014	23.45	4.45	-43	0.233	11.9	0.76
	4/28/2015	18.01	4.52	83	0.091	0	6.3
	10/14/2015	23.36	3.93	40	0.089	18.3	0.00
	4/20/2016	19.13	4.33	52	0.092	0	1.21
G-22	8/15/2013	22.29	5.72	118	0.357	0	1.76
	2/23/2014	16.80	5.87	25	0.722	50.1	1.12
	7/17/2014	25.75	5.77	-27	1.170	796	3.88
	10/7/2014*	25.60	5.95	-129	1.670	200	3.12
	4/28/2015	17.24	5.24	56	0.881	0	1.67
	10/14/2015	22.70	5.36	-32	1.090	105	0.17
	4/20/2016	19.04	5.67	111	1.37	6.7	3.00
MW-2D	8/12/2013	22.47	6.30	-64	0.759	27	0.41
	2/21/2014	18.67	6.07	-91	0.555	0	0.48
	7/19/2014	19.97	6.13	-50	0.486	0	0.40
	10/9/2014	20.58	6.61	-217	0.589	0	0.48
	4/27/2015	18.67	6.21	-54	0.513	9.4	0.00
	10/12/2015	21.21	5.87	46	0.484	0	0.42
	4/18/2016	23.67	5.95	111	0.407	4.5	0.49
MW-2S	8/13/2013	26.37	6.58	-35	1.160	0	0.58
	2/21/2014	15.59	6.74	-33	0.999	0	1.43
	7/18/2014	23.45	6.54	-62	0.895	4.5	2.78
	10/8/2014	20.82	6.65	-164	0.772	0	1.27
	4/27/2015	18.80	6.87	64	0.330	12.5	1.00
	10/12/2015	22.30	6.18	38	0.810	0	0.72
	4/18/2016	22.47	6.45	103	0.984	8.1	0.64
MW-4S	8/14/2013	22.63	5.92	-45	1.870	360	0.48
	2/19/2014	18.69	6.13	-50	1.330	254	0.76
	7/18/2014	21.55	6.08	-51	1.660	0	0.53
	10/9/2014	22.83	6.00	0.89	1.970	0	0.43
	4/27/2015	18.80	6.06	-50	1.850	3.1	0.00
	10/13/2015	22.88	5.25	-61	1.640	0.5	0.00
	4/20/2016	21.49	5.49	93	1.740	0	0.83
MW-11D	8/13/2013	24.07	6.73	-22	0.498	0	0.62
	2/20/2014	15.95	6.40	45	0.210	100	2.45
	7/16/2014	22.29	6.35	-85	0.332	22.1	0.53
	10/7/2014	22.13	6.18	-153	0.417	0	0.77
	4/27/2015	17.30	6.40	-35	0.290	6.8	0.12
	10/12/2015	22.10	6.17	81	0.342	5.6	0.62
	4/18/2016	20.51	6.15	174	0.252	7.6	0.77
MW-14D	8/14/2013	21.19	6.81	-82	0.210	0	0.95
	2/21/2014	18.27	6.82	-55	0.235	2	0.61
	7/17/2014	24.96	6.32	-66	0.237	73.5	0.41
	10/7/2014	21.45	6.83	-135	0.261	146	0.70
	4/28/2015	20.49	6.74	-81	0.189	53.3	0.00
	10/14/2015	24.48	6.05	-94	0.210	0	0.18
	4/20/2016	21.0-0	6.36	61	0.235	4.4	1.07

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-15S	8/13/2014	22.67	6.60	-58	0.460	0	0.58
	2/19/2014	18.39	6.83	-87	0.355	22.5	0.69
	7/16/2014	21.63	6.64	-65	0.396	14.8	0.65
	10/7/2014	19.85	6.97	-116	0.473	4.9	1.27
	4/28/2015	17.62	5.98	-34	0.377	0	1.20
	10/13/2015	22.87	7.07	10	0.395	0	0.82
	4/19/2016	23.40	7.06	73	0.404	0	0.74
MW-26	8/13/2013	21.22	7.82	-67	0.510	55.2	0.61
	2/19/2014	18.33	8.04	-157	0.407	24.7	0.69
	7/16/2014	21.75	7.87	-103	0.446	34	0.86
	10/7/2014	21.82	7.89	-126	0.490	9	1.00
	4/27/2015	18.82	8.14	-88	0.387	0.4	0.00
	10/15/2015	23.71	7.21	-78	0.387	4.9	0.00
	4/19/2016	21.82	7.61	16	0.418	0	0.86
MW-29	8/14/2013	28.30	5.94	4	0.422	50.3	0.54
	2/19/2014	17.75	5.82	27	0.319	9.9	1.53
	7/16/2014	22.03	6.30	-98	0.425	46.9	0.69
	10/6/2014	21.48	6.18	-168	0.785	23.2	0.42
	4/27/2015	25.07	5.78	-11	0.288	47.7	5.89
	10/12/2015	28.19	5.91	25	0.374	0	0.44
	4/19/2016	21.88	5.80	130	0.649	0	0.73
MW-31	8/15/2013	21.00	5.62	50	0.779	0	1.22
	2/20/2014	18.38	5.15	147	1.060	46.2	0.79
	7/17/2014	20.58	4.86	159	1.880	21.5	0.64
	10/8/2014	25.81	5.09	157	1.070	76.7	1.14
	4/28/2015	17.46	5.07	71	1.020	0	0.66
	10/14/2015	21.20	5.58	89	0.970	24.4	0.77
	4/20/2016	22.80	5.36	96	0.746	4	0.00
MW-32	8/15/2013	20.53	4.70	217	0.427	0	0.91
	2/20/2014	17.41	4.56	245	0.441	0	1.00
	7/16/2014	20.24	4.70	228	0.420	0	0.55
	10/8/2014	25.09	4.79	281	0.403	16.4	0.75
	4/28/2015	17.67	4.28	121	0.553	0	0.68
	10/14/2015	20.76	4.58	230	0.395	9.5	0.70
	4/20/2016	23.36	4.57	248	0.378	1.8	0.46
MW-33	8/13/2013	23.96	6.60	-46	1.410	4	3.73
	2/19/2014	17.87	6.73	-82	1.070	21.7	0.73
	7/16/2014	21.14	6.83	-70	0.937	54.5	0.41
	10/9/2014	23.49	7.02	-101	0.612	16.8	1.21
	4/28/2015	17.58	6.87	-66	0.664	31.9	0.00
	10/13/2015	23.32	7.03	-44	0.535	0	0.52
	4/18/2016	22.25	7.04	46	0.560	0	0.64
MW-35**	7/18/2014	20.94	7.72	-83	0.425	80.9	0.51
	10/7/2014	21.03	7.94	-143	0.474	8.4	1.26
	4/28/2015	18.05	8.14	-102	0.377	14.7	0.00
	10/13/2015	20.93	8.07	-87	0.400	23.3	0.76
	4/19/2016	23.23	8.72	-135	0.319	3.8	4.25

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-36	8/14/2013	24.05	7.55	-98	0.415	233	1.78
	2/19/2014	20.14	7.45	-88	0.406	14.7	1.93
	7/18/2014	24.13	7.50	-140	0.453	8.1	0.54
	10/8/2014	26.11	7.55	-180	0.475	0	3.07
	4/27/2015	21.36	7.09	-44	0.400	0	1.54
	10/13/2015	21.98	6.59	-90	0.396	11.2	0.47
	4/19/2016	21.71	7.80	-101	0.346	6.1	0.39
MW-37S	4/28/2015	20.59	6.04	-38	0.240	0	0.63
	10/13/2015	26.69	5.81	-65	0.239	0.0	0.00
	4/20/2016	21.79	6.43	-86	0.241	8.7	0.00
MW-38D	4/28/2015	21.50	6.71	-62	0.853	0	0.87
	10/13/2015	26.13	6.53	-129	0.581	2.1	0.00
	4/20/2016	22.45	7.30	-91	0.443	3.1	0.00
MW-39D	4/28/2015	18.40	7.06	-62	0.372	0	0.53
	10/13/2015	22.91	6.86	-81	0.356	0	0.00
	4/19/2016	21.56	8.19	-56	0.311	0	0.00
MW-40S	4/27/2015	19.51	6.86	-76	0.274	8.4	0.00
	10/13/2015	22.77	6.05	-88	0.272	0	0.00
	4/19/2016	23.10	7.34	-122	0.330	0	1.78
MW-41D	4/27/2015	20.95	7.80	-93	0.335	47.1	0.00
	10/12/2015	25.31	7.51	-93	0.306	0	0.53
	4/19/2016	22.71	7.62	-4	0.325	0	0.79
MW-42S	4/27/2015	25.77	11.24	-245	2.320	20.4	0.68
	10/12/2015	26.68	10.44	-237	0.711	11.3	0.46
	4/19/2016	26.28	9.07	-282	0.731	0	0.00
MW43D	4/27/2015	23.41	8.16	-81	0.317	70.2	0.67
	10/12/2015	26.27	7.23	3	0.435	9.6	0.00
	4/19/2016	28.30	8.08	40	0.329	4	0.00
MW-44D	4/27/2015	24.80	5.16	58	0.662	5.3	0.86
	10/13/2015	26.06	5.56	-78	0.506	0.3	0.13
	4/18/2016	27.89	5.79	-15	0.610	7.2	0.00
MW-45S	4/27/2015	25.37	4.78	69	0.621	3.4	0.86
	10/12/2015	28.14	5.23	-71	0.481	0.2	0.14
	4/18/2016	27.89	5.09	-43	0.669	5.7	0.20
MW-46S	4/27/2015	20.68	6.07	84	0.887	22.9	0.00
	10/12/2015	25.13	5.88	87	0.722	0	0.57
	4/18/2016	24.12	5.04	161	0.680	0	0.69
MW-47D	4/27/2015	19.62	6.42	96	0.462	159	0.84
	10/12/2015	22.09	6.29	-14	0.339	4.4	0.00
	4/18/2016	20.93	5.26	21	0.283	156	0.00

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-48S	4/27/2015	18.12	4.09	277	0.163	21.7	5.89
	10/12/2015	22.81	4.29	348	0.135	0	2.11
	4/18/2016	21.64	4.03	416	0.140	6.6	2.25
MW-49D	4/29/2015	18.92	6.86	-78	0.574	17.5	0.00
	10/14/2015	25.49	7.12	-6	0.652	0	1.11
	4/21/2016	22.25	4.60	213	0.873	8.5	0.89
MW-50S	4/29/2015	18.98	5.01	87	0.763	22.4	0.00
	10/14/2015	27.37	4.41	63	0.763	0	5.51
	4/21/2016	23.58	6.41	73	0.676	0	1.51
MW-51D	4/29/2015	18.49	6.89	-59	0.450	0	1.01
	10/14/2015	21.29	7.69	-41	0.371	17.4	0.72
	4/20/2016	23.94	7.54	-5	0.326	2.9	0.00
MW-52D	4/28/2015	19.01	7.49	-103	0.349	10.4	0.00
	10/13/2015	21.59	7.09	-25	0.359	9	0.68
	4/20/2016	24.15	7.21	-82	0.284	82	0.05
MW-53D	4/29/2015	18.57	7.62	-114	0.326	1.5	0.00
	10/14/2015	23.94	7.59	-36	0.330	0	0.55
	4/20/2016	23.47	7.89	-76	0.286	0.4	0.00
MW-54D	4/29/2015	18.20	7.55	-35	0.296	35.3	0.00
	10/14/2015	25.34	6.82	-100	0.308	0.1	0.00
	4/20/2016	22.57	6.84	13	0.336	0	0.66
MW-55D	4/29/2015	18.63	6.42	-49	0.589	0	0.92
	10/14/2015	26.31	6.86	-102	0.338	0	0.08
	4/21/2016	22.36	7.77	-121	0.308	1.4	0.39
MW-56D	4/29/2015	18.34	7.42	81	0.396	17.5	1.34
	10/14/2015	22.76	7.45	-28	0.319	0	0.67
	4/20/2016	21.91	6.56	23	0.350	0	0.82
MW-U2	4/28/2015	18.27	5.56	58	1.060	71.2	0.96
	10/14/2015	20.68	6.40	54	1.410	92.9	4.40
	4/20/2016	23.08	6.08	-20	0.804	529	153.00
PAW-3	8/12/2013	23.53	5.75	25	0.582	12.4	0.41
	2/21/2014	17.33	6.44	52	0.906	9	0.61
	7/19/2014	21.80	6.03	-38	0.683	0	0.41
	10/8/2014	23.73	6.43	-97	0.979	0	0.88
	4/21/2015	18.02	6.34	-25	0.440	5.6	0.00
	10/12/2015	21.45	5.98	38	0.503	4.1	0.98
	4/20/2016	21.71	5.95	57	0.561	0	0.63

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
PAW-4	8/12/2014	18.65	6.03	-36	0.876	1.8	0.53
	2/21/2014	18.62	5.56	31	0.392	22.2	0.67
	7/19/2014	19.14	5.45	0	0.513	1	0.46
	10/8/2014	21.57	6.50	-66	0.490	0	0.83
	4/28/2015	19.34	5.41	92	0.328	150	0.00
	10/12/2015	21.32	5.21	104	0.354	9.9	0.85
	4/20/2016	21.51	5.06	119	0.348	0	0.93
RW-1	8/13/2013	25.25	5.88	5	0.683	0	0.63
	2/20/2014	16.73	6.06	39	0.690	196	0.52
	7/18/2014	21.73	5.91	-19	0.736	37	0.42
	10/8/2014	21.40	6.04	-52	0.707	0	1.07
	4/27/2015	19.86	6.35	-41	0.404	59.5	0.00
	10/13/2015	20.38	6.15	38	0.664	11.3	0.77
	4/19/2016	18.96	6.07	159	0.699	1.4	0.86
RW-2	8/12/2013	22.40	5.68	51	0.695	369	0.65
	2/20/2014	19.94	5.90	61	0.934	217	0.26
	7/17/2014	22.04	5.80	5	1.410	48.6	0.39
	10/9/2014	22.02	6.03	-60	0.708	664	0.35
RW-3	8/14/2013	21.43	5.79	38	0.628	377	0.33
	2/20/2014	19.05	5.78	2	1.120	91.5	0.40
	7/17/2014	24.63	6.09	-46	1.060	368	0.39
	10/9/2014	23.71	6.35	-120	1.140	281	0.29
RW-4	8/12/2013	24.07	5.41	37	0.778	40.8	0.43
	2/20/2014	18.09	6.49	-43	0.893	125	0.32
	7/18/2014	21.94	6.48	-33	0.819	62.7	0.40
	10/9/2014	20.76	6.17	-44	0.741	0	2.68
	4/27/2015	19.99	6.71	-74	0.725	111	0.00
	10/13/2015	21.03	6.76	-84	0.944	24.7	0.65
	4/19/2016	19.73	6.58	71	0.974	0	0.67
RW-5	8/12/2013	26.50	5.04	107	1.050	219	0.50
	2/20/2014	21.53	4.61	271	0.630	204	0.36
	7/17/2014	24.27	4.98	148	0.733	69	0.46
	10/9/2014	24.28	5.43	69	0.677	9.9	0.44

Table 3-2: Chronological Groundwater Quality Field Parameters Summary

Well ID # (Well Diameter, in.)	Sample Date	Temp (Celcius)	pH (SU)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
RW-6	8/15/2013	21.35	5.90	20	1.950	7.1	1.29
	2/19/2014	19.88	5.45	20	0.994	22.3	0.67
	7/18/2014	21.32	6.00	-6	2.780	7.5	0.44
	10/8/2014	24.08	6.14	-93	1.820	0	0.79
RW-7	8/14/2013	22.24	6.00	-12	1.180	255	0.49
	2/20/2014	18.72	6.10	-44	1.110	193	0.50
	7/18/2014	21.45	6.14	-32	1.150	47.5	0.42
	10/9/2014	21.72	6.26	-73	1.040	294.00	0.38
RW-8	4/21/2016	21.01	7.98	-112	0.303	2.10	0.16
RW-9	4/20/2016	24.19	5.86	71	0.704	0.00	0.72

Notes:

Field parameters were recorded by EIC during groundwater monitoring events after stabilization had been reached and prior to sampling Parameters were measured with a Horiba U-52 Water Quality Meter with a Flow-Through Cell.

* G-22 was not sampled on 10/7/2014 due to lack of recharge. Parameters recorded are from only reading taken.

** MW-35 was discovered during the July 2014 sampling event and the well formerly identified as MW-35 is considered to be MW-15S based on well design

SU = Standard Unit

mV = Millivolts

mS/cm = Microsiemens per centimeter

NTU = Nephelometric Turbidity Unit

mg/L = Milligrams per liter

McKenzie Tank Lines, Port Wentworth, GA

Table 3-3: Shallow Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Shallow Wells																		
Date	**G-17**	**G-19**	**G-22**	**MW-2S**	**MW-4S**	**MW-15S***	**MW-29**	**MW-31**	**MW-32**	**MW-33**	**MW-37S**	**MW-40S**	**MW-42S**	**MW-45S**	**MW-46S**	**MW-48S**	**MW-50S**	**PAW-3**	**MW-U2**
Tetrachloroethylene (PCE)	**Type 4 RRS (µg/L)**			**98**	**Delineation Criteria (µg/L)**			**5**											
Mar-93	NI	NI	NI	2,390.00	1,910.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-94	NI	NI	NI	U	2,900.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Feb-96	NI	NI	NI	NA	460.0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-96	NI	NI	NI	**20.00**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Sep-96	NI	NI	NI	11,000.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-96	NI	NI	NI	**31.00**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Apr-97	NI	NI	NI	**47.00**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Jul-97	NI	NI	NI	111.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-97	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	U	NU
Feb-98	NI	NI	NI	**81.90**	267.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-98	NI	NI	NI	U	200.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-98	NI	NI	NI	NA	1,580.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Feb-99	NI	NI	NI	**0.50**	**80.00**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1.4**	NU
Oct-99	NI	NI	NI	**0.42**	1,490.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
May-00	NI	NI	NI	U	1,343.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**9.4**	NU
Jan-01	NI	NI	NI	**4.80**	3,730.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**2.5**	NU
Aug-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Aug-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-01	NI	NI	NI	NA	250.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Dec-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jan-02	NI	NI	NI	<1	NA	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<1	NU
Sep-02	NI	NI	NI	NA	<25	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**13.0**	NU
Oct-03	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<0.43	NU
Jan-04	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-04	NI	NI	NI	NA	6,300.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3.1**	NU
May-05	NI	NI	NI	NA	100.00 U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<1	NU
Dec-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Oct-06	NI	NI	NI	NA	146.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Apr-07	NI	NI	NI	NA	NA	<0.3 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<0.3	NU
Nov-07	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-08	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-09	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-10	NI	NI	NI	NA	**0.2** U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**34.0**	NU
Dec-10	NI	NI	NI	NA	U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**0.3** U	NU
Mar-11	**0.2** U	**0.2** U	**0.2** U	NA	NA	NA	**0.2** U	**3.8**	**37.0**	**10.0** U	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-11	NA	NA	NA	NA	NA	NA	**0.2** U	**15.0**	**14.0**	NA	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-12	NA	NA	NA	**0.21** U	**0.3** U	NA	**0.3** U	**1.9**	NA	**2.5** U	NI	NI	NI	NI	NI	NI	NI	NA	NU
Aug-12	**0.2** U	**0.2** U	NA	NA	NA	NA	NA	**41.0**	NA	NI	NI	NI	NI	NI	NI	NI	NI	150.0	NU
Mar-13	NA	**0.2** U	NA	**1.20**	**12.0** U	NA	**0.3** U	**0.3** J	100.0	NA	NI	NI	NI	NI	NI	NI	NI	**9.0**	NU
Aug-13	**1.9**	**2.3**	**3.1**	<0.16	<0.16	**1.3**	**3.2**	**1.1**	160.0	**1.20**	NI	NI	NI	NI	NI	NI	NI	<0,16 U	NU
Feb-14	<0.160 U	<0.160 U	<0.160 U	**1.17**	**1.2**	<0.16 U	<0.160 U	**1.5**	102.0	**0.70** J	NI	NI	NI	NI	NI	NI	NI	<0.160 U	NU
Jul-14	<0.16 U	<0.16 U	<0.16 U	<0.16	<0.16	<0.16 U	<0.16 U	<0.16	120.0	<0.16 U	NI	NI	NI	NI	NI	NI	NI	<0.16 U	NU
Oct-14	<0.15 U	<0.15 U	NS	<0.15 U	<3.0 U	<0.15 U	<0.15 U	**1.8**	**53.0**	<0.30 U	NI	NI	NI	NI	NI	NI	NI	<0.15 U	NU
Jan-15	<0.74 U	<0.74 U	<0.74 U	**2.3**	<15 U	<0.74 U	<0.74 U	**1.1**	**97.0**	<3.7 U	NI	NI	NI	NI	NI	NI	NI	<0.74 U	<0.74 U
Apr-15	<0.74 U	<0.74 U	<0.74 U	**1.9**	<15 U	<0.74 U	<0.74 U	**2.8**	**51.0**	<3.7 U	<0.74 U	<37 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**25.0**	<0.74 U	<0.74 U
Oct-15	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<37 U	<0.74 U	<0.74 U	**3**	**45.0**	<0.74 U	<0.74 U	<37 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**35.0**	<0.74 U	<0.74 U
Apr-16	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<15 U	<0.74 U	<0.74 U	**11**	**31**	<0.74 U	**0.88** J	<37 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<7.4 U	<0.74 U	<0.74 U
Trichloroethylene (TCE)	**Type 4 RRS (µg/L)**			**5**	**Delineation Criteria (µg/L)**			**5**											
Mar-93	NI	NI	NI	460.00	125.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-94	NI	NI	NI	U	680.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Feb-96	NI	NI	NI	NA	500.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-96	NI	NI	NI	270.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Sep-96	NI	NI	NI	400.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-96	NI	NI	NI	5,450.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Apr-97	NI	NI	NI	180.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Jul-97	NI	NI	NI	338.00	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-97	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	U	NU
Feb-98	NI	NI	NI	238.00	336.00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU

McKenzie Tank Lines, Port Wentworth, GA

Table 3-3: Shallow Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Shallow Wells																																					
Date	**G-17**		**G-19**		**G-22**		**MW-2S**		**MW-4S**		**MW-15S***		**MW-29**		**MW-31**		**MW-32**		**MW-33**		**MW-37S**		**MW-40S**		**MW-42S**		**MW-45S**		**MW-46S**		**MW-48S**		**MW-50S**		**PAW-3**		**MW-U2**	
Jul-98	NI		NI		NI		**86.00**		**680.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-98	NI		NI		NI		NA		**1,630.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Feb-99	NI		NI		NI		**1.30**		**79.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**1,370.00**		NU	
Oct-99	NI		NI		NI		**1.50**		**1,590.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
May-00	NI		NI		NI		**1.50**		**1,807.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**826.00**		NU	
Jan-01	NI		NI		NI		**2.90**		**5,940.00**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**803.00**		NU	
Aug-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Aug-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-01	NI		NI		NI		NA		**430.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Dec-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jan-02	NI		NI		NI		<1		NA		<1		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**726.00**		NU	
Sep-02	NI		NI		NI		NA		**500.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**300.00**		NU	
Oct-03	NI		NI		NI		NA		**680.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**340.00**		NU	
Jan-04	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-04	NI		NI		NI		NA		**750.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**450.00**		NU	
May-05	NI		NI		NI		NA		**50.0**	U	NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jun-05	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jul-05	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**640.00**		NU	
Dec-05	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Oct-06	NI		NI		NI		NA		**528.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Apr-07	NI		NI		NI		NA		NA		<0.3		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**230.00**		NU	
Nov-07	NI		NI		NI		NA		NA		NL		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jun-08	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jun-09	NI		NI		NI		NA		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jul-10	NI		NI		NI		NA		**48.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**0.24**	U	NU	
Dec-10	NI		NI		NI		NA		**48.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**30.00**		NU	
Mar-11	**0.24**	U	**0.24**	U	**0.24**	U	NA		NA		NL		**3.5**		**3.6**		**98.0**		**12.00**	U	NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-11	NA		NA		NA		NA		NA		NA		**0.24**		**4.4**		**44.0**		NA		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jun-12	NA		NA		NA		**1.8**		**0.8**	J	NL		**0.17**	U	**1.3**		NA		**1.70**	U	NI		NI		NI		NI		NI		NI		NI		NA		NU	
Aug-12	**0.24**	U	**0.24**	U	NA		NA		NA		NA		NA		NA		**140.0**		NA		NI		NI		NI		NI		NI		NI		NI		**0.29**	J	NU	
Mar-13	NA		**0.24**	U	NA		**2.0**		NA		NL		**0.17**	U	**1.4**		**140.0**		NA		NI		NI		NI		NI		NI		NI		NI		**0.17**	U	NU	
Aug-13	<0.19		<0.19		**0.85**	J	<0.19		**2,200.00**	D	<0.19		**1.90**		**3.2**		**150.0**		<0.19		NI		NI		NI		NI		NI		NI		NI		<0.19		NU	
Feb-14	<0.190		<0.190		<0.190		**1.87**		**3.1**		<0.190		<0.190		**3.26**		**99.5**		<0.190		NI		NI		NI		NI		NI		NI		NI		**2.11**		NU	
Jul-14	<0.19		<0.19		<0.19		**3.39**		<0.19		<0.19		<0.19		<0.19		**120.0**		<0.19		NI		NI		NI		NI		NI		NI		NI		<0.19		NU	
Oct-14	<0.13	U	<0.13	U	NS		**0.20**		**85.0**		<0.13	U	**0.33**	J	**6.00**		**54.0**		<0.26	U	NI		NI		NI		NI		NI		NI		NI		<0.15	U	NU	
Jan-15	<0.48	U	<0.48	U	<0.48	U	**1.40**		<9.6	U	<0.48	U	<0.48	U	**1.50**		**65.0**		<2.4	U	NI		NI		NI		NI		NI		NI		NI		<0.48	U	<0.48	U
Apr-15	<0.48	U	<0.48	U	<0.48	U	**1.0**		<9.6	U	<0.48	U	<0.48	U	**7.4**		**30.0**		<2.4	U	**0.5**	J	**370.0**		<0.48	U	<0.48	U	**0.6**	J	<0.48	U	**120.0**		<0.48	U	<0.48	U
Oct-15	<0.48	U	<0.48	U	<0.48	U	**2.9**		**92.0**		<0.48	U	<0.48	U	**9.2**		**26.0**		<0.48	U	**0.8**	J	**26.0**	J	<0.48	U	<0.48	U	<0.48	U	<0.48	U	**240.0**		<0.48	U	<0.48	U
Apr-16	<0.48	U	<0.48	U	<0.48	U	<0.48	U	**11**	J	<0.48	U	<0.48	U	**13**		**20**		<0.48	U	**1.1**		<24	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<4.8	U	<0.48	U	<0.48	U
cis-1,2-Dichloroethylene			**Type 4 RRS (µg/L)**				**204**				**Delineation Criteria (µg/L)**				**70**																							
Mar-93	NI		NI		NI		U		U		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Mar-94	NI		NI		NI		U		U		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Feb-96	NI		NI		NI		NA		U		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Mar-96	NI		NI		NI		U		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Sep-96	NI		NI		NI		U		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Oct-96	NI		NI		NI		U		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Apr-97	NI		NI		NI		U		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Jul-97	NI		NI		NI		U		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NU	
Oct-97	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**3,330.0**		NU	
Feb-98	NI		NI		NI		**8,920.0**		**838.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jul-98	NI		NI		NI		U		U		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-98	NI		NI		NI		NA		**912.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Feb-99	NI		NI		NI		**64.2**		**96.1**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**2,350.0**		NU	
Oct-99	NI		NI		NI		**60.5**		**850.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
May-00	NI		NI		NI		**22.8**		**956.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**1,390.0**		NU	
Jan-01	NI		NI		NI		**31.2**		**7,580.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**1,500.0**		NU	
Aug-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Aug-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-01	NI		NI		NI		NA		**360.0**		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Dec-01	NI		NI		NI		NA		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jan-02	NI		NI		NI		**37.0**		NA		<1		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**1,800.0**		NU	
Sep-02	NI		NI		NI		NA		**660.0**		NA		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		NI		**740.0**		NU	

McKenzie Tank Lines, Port Wentworth, GA

Table 3-3: Shallow Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Shallow Wells																		
Date	**G-17**	**G-19**	**G-22**	**MW-2S**	**MW-4S**	**MW-15S***	**MW-29**	**MW-31**	**MW-32**	**MW-33**	**MW-37S**	**MW-40S**	**MW-42S**	**MW-45S**	**MW-46S**	**MW-48S**	**MW-50S**	**PAW-3**	**MW-U2**
Oct-03	NI	NI	NI	NA	4,100.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	820.0	NU
Jan-04	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-04	NI	NI	NI	NA	4,800.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1,800.0	NU
May-05	NI	NI	NI	NA	5,700.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1,900.0	NU
Dec-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Oct-06	NI	NI	NI	NA	2,410.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Apr-07	NI	NI	NI	NA	NA	4.5	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1,050.0	NU
Nov-07	NI	NI	NI	NA	NA	NL	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NL	NU
Jun-08	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-09	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-10	NI	NI	NI	NA	930.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	2.5	NU
Dec-10	NI	NI	NI	NA	930.0	NL	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	200.0	NU
Mar-11	0.22 U	0.22 U	0.22 U	NA	NA	NA	5.8	15.0	220.0	5,100.0	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-11	NA	NA	NA	NA	NA	NA	0.22 U	4.4	110.0	NA	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-12	NA	NA	NA	0.96 J	4.6	NL	0.33 U	0.9 J	NA	1,300.0	NI	NI	NI	NI	NI	NI	NI	NA	NU
Aug-12	0.22 U	0.22 U	NA	NA	NA	NA	NA	NA	270.0	NA	NI	NI	NI	NI	NI	NI	NI	0.29 J	NU
Mar-13	NA	0.22 U	NA	2.4	3100.0	NL	0.33 U	2.3	540.0	NA	NI	NI	NI	NI	NI	NI	NI	0.23 U	NU
Aug-13	<0.21	0.83	1.50	16.0	6,500.0	<0.21	1.5	6.9	720.0 D	1,100.0 D	NI	NI	NI	NI	NI	NI	NI	1.0 J	NU
Feb-14	<0.210	<0.210	<0.210	11.8	639.0	<0.21	<0.21	7.14	775.0 D	2,230.0 D	NI	NI	NI	NI	NI	NI	NI	4.83	NU
Jul-14	<0.21	<0.21	<0.21	3.64	608.0 D	<0.21	<0.21	1.81	626.0 D	66.7 D	NI	NI	NI	NI	NI	NI	NI	<0.21	NU
Oct-14	<0.15 U	<0.15 U	NS	16.00	1,900.0	<0.15 U	0.35 J	12.0	320.0	340.0	NI	NI	NI	NI	NI	NI	NI	0.84 J	NU
Jan-15	<0.41 U	<0.41 U	<0.41 U	0.56 J	1,600.0	<0.41 U	<0.41 U	3.10	350.0	650.0	NI	NI	NI	NI	NI	NI	NI	<0.41 U	<0.41 U
Apr-15	<0.41 U	<0.41 U	<0.41 U	<0.41 U	1,400	<0.41 U	<0.41 U	18.0	140	270.00	5.50	5,300	<0.41 U	3.80	12.00	<0.41 U	1,200	0.6 J	<0.41 U
Oct-15	0.59 J	<0.41 U	<0.41 U	5.6	4,700	<0.41 U	<0.41 U	22.0	110	120.00	5.90	2,400	<0.41 U	17.00	7.00	<0.41 U	2,600	<0.41 U	<0.41 U
Apr-16	<0.41 U	<0.41 U	<0.41 U	8.1	6,100	<0.41 U	<0.41 U	38	90	88	8.1	1,900	<0.41 U	3.8	9.7	<0.41 U	600	<0.41 U	<0.41 U
Vinyl Chloride		**Type 4 RRS (µg/L)**		**3**		**Delineation Criteria (µg/L)**		**2**											
Mar-93	NI	NI	NI	8,830.0	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-94	NI	NI	NI	1,200.0	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Feb-96	NI	NI	NI	78.0	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Mar-96	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Sep-96	NI	NI	NI	280.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-96	NI	NI	NI	676.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Apr-97	NI	NI	NI	2,200.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Jul-97	NI	NI	NI	380.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NU
Oct-97	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	U	NU
Feb-98	NI	NI	NI	2,530.0	2.4	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-98	NI	NI	NI	1,800.0	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-98	NI	NI	NI	NA	1.8	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Feb-99	NI	NI	NI	30.9	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	623.0	NU
Oct-99	NI	NI	NI	37.1	4.0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
May-00	NI	NI	NI	9.8	7.6	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	130.0	NU
Jan-01	NI	NI	NI	12.4	28.7	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	240.0	NU
Aug-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Aug-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-01	NI	NI	NI	NA	23.0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Dec-01	NI	NI	NI	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jan-02	NI	NI	NI	34.0	NA	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	160.0	NU
Sep-02	NI	NI	NI	NA	<25	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	33.0	NU
Oct-03	NI	NI	NI	NA	40.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	53.0	NU
Jan-04	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Nov-04	NI	NI	NI	NA	73.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	130.0	NU
May-05	NI	NI	NI	NA	74.0	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jul-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	120.0	NU
Dec-05	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Oct-06	NI	NI	NI	NA	20.0 U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Apr-07	NI	NI	NI	NA	NA	<0.4	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	138.0	NU
Nov-07	NI	NI	NI	NA	NA	NL	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NL	NU
Jun-08	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU
Jun-09	NI	NI	NI	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NU

McKenzie Tank Lines, Port Wentworth, GA

Table 3-3: Shallow Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Shallow Wells																			
Date	**G-17**		**G-19**		**G-22**		**MW-2S**		**MW-4S**		**MW-15S***		**MW-29**		**MW-31**		**MW-32**		**MW-33**	
Jul-10	NI		NI		NI		NA		**28.0**		NA		NI		NI		NI		NI	
Dec-10	NI		NI		NI		NA		**28.0**		NA		NI		NI		NI		NI	
Mar-11	**0.3**	U	**0.3**	U	**0.3**	U	NA		NA		NL		**0.3**	U	**0.3**	U	**2.0**	J	**190.0**	
Nov-11	NA		NA		NA		NA		NA		NA		**0.3**	U	**0.3**	U	**0.4**	J	NA	
Jun-12	NA		NA		NA		**0.33**	U	**0.1**	U	NL		**0.2**	U	**0.2**	U	NA		**230.0**	
Aug-12	**0.3**	U	**0.3**	U	NA		NA		NA		NA		NA		NA		**1.4**	J	NA	
Mar-13	NA		**0.3**	U	NA		**0.33**	U	**44.0**		NL		**0.2**	U	**0.2**	U	**4.0**		NA	
Aug-13	<0.19	U	<0.19	U	<0.19	U	<0.19	U	**74.0**		<0.19		<0.19		<0.19		**2.9**		**150.0**	
Feb-14	<0.19	U	<0.19	U	<0.19	U	<0.19	U	**29.4**		<0.19		<0.19		<0.19		**2.9**		**177.0**	
Jul-14	<0.19	U	<0.19	U	<0.19	U	<0.19	U	**19.1**		<0.19	U	<0.19		<0.19		**2.29**		**104.00**	
Oct-14	<0.18	U	<0.18	U	NS		**3.0**		**110.0**		<0.18	U	<0.18	U	<0.18	U	<0.9	U	**63.00**	
Jan-15	<0.50	U	<0.50	U	<0.50	U	<0.50	U	**64.0**		<0.50	U	<0.50	U	<0.50	U	**1.2**	J	**55.00**	
Apr-15	<0.50	U	<0.50	U	<0.50	U	<0.50	U	**53.0**		<0.50	U	<0.50	U	<0.50	U	**0.79**	J	**51.00**	
Oct-15	<0.50	U	<0.50	U	<0.50	U	<0.50	U	**98.0**		<0.50	U	<0.50	U	<0.50	U	**0.52**	J	**36.00**	
Apr-16	<0.50	U	<0.50	U	<0.50	U	<0.50	U	**140**		<0.50	U	<0.50	U	<0.50	U	**0.92**	J	**36**	

Constituent of Concern/Well ID	Shallow Wells																	
Date	**MW-37S**		**MW-40S**		**MW-42S**		**MW-45S**		**MW-46S**		**MW-48S**		**MW-50S**		**PAW-3**		**MW-U2**	
Jul-10	NI		NI		NI		NI		NI		NI		NI		**1.8**		NU	
Dec-10	NI		NI		NI		NI		NI		NI		NI		**33.0**		NU	
Mar-11	NI		NI		NI		NI		NI		NI		NI		NA		NU	
Nov-11	NI		NI		NI		NI		NI		NI		NI		NA		NU	
Jun-12	NI		NI		NI		NI		NI		NI		NI		NA		NU	
Aug-12	NI		NI		NI		NI		NI		NI		NI		**0.2**	U	NU	
Mar-13	NI		NI		NI		NI		NI		NI		NI		**0.2**	U	NU	
Aug-13	NI		NI		NI		NI		NI		NI		NI		<0.19		NU	
Feb-14	NI		NI		NI		NI		NI		NI		NI		<0.19		NU	
Jul-14	NI		NI		NI		NI		NI		NI		NI		<0.19		NU	
Oct-14	NI		NI		NI		NI		NI		NI		NI		**0.84**	J	NU	
Jan-15	NI		NI		NI		NI		NI		NI		NI		<0.50	U	<0.50	U
Apr-15	<0.50	U	<25	U	<0.50	U	<0.50	U	**28.0**		<0.50	U	**67.0**		**1.10**		<0.50	U
Oct-15	<0.50	U	<25	U	<0.50	U	**5.5**		**15.0**		<0.50	U	**140.0**		<0.50	U	<0.50	U
Apr-16	<0.50	U	<25	U	<0.50	U	<0.50	U	**19**		<0.50	U	**60**		<0.50	U	<0.50	U

Notes:

110.0	Value exceeds risk reduction standards
0.3	Value exceeds delineation criteria

All data prior to August 2013 reported by previous environmental consultants
U = Value is below detection limits
NA = Well not accessible
NS = Well not sampled
NI = Well not installed
NU = Well not utilized in groundwater sampling program
NL = Well not located
< = less than method detection limit (MDL)
J = this is an estimated value that is above the MDL but below the practical quantitation limit.
I*= not certain

McKenzie Tank Lines, Port Wentworth, GA
Table 3-4: Deep Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Deep Wells																													
Date	**MW-2D**	**MW-11D**	**MW-14D**	**MW-15D**	**MW-26**	**MW-35**	**MW-36**	**MW-38D**	**MW-39D**	**MW-41D**	**MW-43D**	**MW-44D**	**MW-47D**	**MW-49D**	**MW-51D**	**MW-52D**	**MW-53D**	**MW-54D**	**MW-55D**	**MW-56D**	**PAW-4**	**RW-1**	**RW-2**	**RW-3**	**RW-4**	**RW-5**	**RW-6**	**RW-7**	**RW-8**	**RW-9**
Tetrachloroethylene (PCE)	**Type 4 RRS (µg/L)**			**98**		**Delineation Criteria (µg/L)**		**5**																						
Mar-93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-94	**49,000.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-96	**10,000.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-96	**120.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-96	**6.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-96	**15,880.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-97	**13,000.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-97	**10,000.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-97	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**11.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-98	**7,750.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-98	**24,000.0**	**40.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-98	**26,200.0**	**2,010.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-99	**18,300.0**	**752.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**5,650.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-99	**51,800.0**	**142.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-00	**24,046.0**	**676.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3,554.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-01	**6,240.0**	**14.7**	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3,270.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**9,300.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**2,800.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-01	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-01	NA	NA	**10.0**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-02	NA	**19.0**	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**2,900.0**	NI	NI	<25	NI	NI	NI	NI	NI	NI
Sep-02	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**920.0**	NI	**350**	NA	NI	NI	NI	NI	NI	NI
Oct-03	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1,300.0**	NI	NA	NA	NI	NI	NI	NI	NI	NI
Jan-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**2,300**	**2,000**	<150	NI	NI	NI	NI	NI	NI
Nov-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1,400**	**2,200**	**17,000**	NA	NI	NI	NI	NI	NI	NI
May-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jun-05	NA	<2	<2	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jul-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1,500**	**2,100**	**11,000**	**90**	NI	NI	NI	NI	NI	NI
Dec-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	**1,500**	**400**	NI	**4,500**	NI	NI
Oct-06	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**459**	**779**	**54**	**459**	**1,450**	NI	**9,680**	NI	NI
Apr-07	NA	NA	NA	**0.70** I*	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**654**	NA	NA	NA	NA	NA	NI	NA	NI	NI
Nov-07	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**1,900**	NA	NA	**1,500**	NA	NI	NA	NI	NI
Jun-08	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	**0.9** I*	NA	NI	NI
Jun-09	**110**	NA	NA	**1.50**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**650**	NA	**190**	**460**	**3,100**	NA	NA	NI	NI
Jul-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**0.20** U	NA	NA	NA	NA	NA	NA	NA	NI	NI
Dec-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**34**	NA	NA	**6200**	NA	NA	NA	**15,000**	NI	NI
Mar-11	**120**	**0.2** U	**0.21** U	**0.21** U	**0.2** U	**1.4**	**1.0** U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**590**	**28**	NA	**50**	**5,100**	**1.0** U	NA	NI	NI
Nov-11	NA	NA	NA	NA	**0.2** U	**0.2**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**590**	**490**	**50**	NA	**7,000**	NA	**7,700**	NI	NI
Jun-12	**55**	NA	**0.25** U	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
Aug-12	NA	**0.3** U	NA	NA	**0.3** U	**0.2**	**0.2** U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**0.30** U	**5.5**	**1,900**	**56**	**1,500**	**2,300**	**2.2**	**2,500**	NI	NI
Mar-13	**1.4**	**1.7**	NA	NA	NA	NA	**0.3**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**0.30** U	**4.6**	**2,200**	**54**	**1,200**	**820**	**0.3** U	**2,500**	NI	NI
Aug-13	**300** D	<0.16	NA	NL	<0.16 U	NA	**1.5**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**17.0**	<0.16	**350**	**36**	**950**	**4,500**	**4.6**	**11,000** D	NI	NI
Feb-14	**482** D	<0.160	**1.20** U	NL	<0.16 U	NA	<0.160 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**15**	**14.1**	**606**	**76**	**17.8**	**4,550**	**8.8**	**7,960** D	NI	NI
Jul-14	**285** D	<0.16	**2.61**	NL	<0.16 U	<0.16 U	<0.16 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**22.0**	**5.53**	**94.7**	**2650** D	**79.6**	**2,000** D	<0.16	**44,700** D	NI	NI
Oct-14	**71**	<0.15 U	**1.2**	NL	<0.15 U	<0.15 U	<0.15 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3.1**	**31.00**	<1.5 U	**3900**	**530**	**840**	<0.30 U	**17,000**	NI	NI
Jan-15	**280**	<0.74	**2.6**	NL	<0.74 U	<0.74 U	<0.74 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**150**	**0.99** J	<0.74 U	<37 U	**11**	**1,100**	<0.74 U	**400**	NI	NI
Apr-15	**370**	<0.74 U	**2.7**	NL	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**36**	<3.7 U	<3.7 U	<0.74 U	<0.74 U	<0.74 U	<7.4 U	<0.74 U	**150**	**6.0**	NS	NS	<0.74 U	NS	NS	NS	NI	NI
Oct-15	**190**	<0.74 U	**3.5**	NL	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**17**	**30**	<3.7 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**58**	<0.74 U	NS	NS	<0.74	NS	NS	NS	NI	NI
Apr-16	**110**	<0.74 U	**4.0**	NL	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	**19**	**66**	<0.74 U	<0.74 U	<0.74 U	<0.74	<0.74 U	<0.74 U	**74**	<0.74 U	NS	NS	<0.74	NS	NS	NS	<0.74 U	<0.74 U
Trichloroethylene (TCE)	**Type 4 RRS (µg/L)**			**5**		**Delineation Criteria (µg/L)**		**5**																						
Mar-93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-94	**680.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-96	**1600.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-96	**260.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-96	**11.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-96	**5,805.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-97	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-97	**8,700.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-97	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**121.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-98	**3,560.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-98	**13,000.0**	**40.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-98	**26,200.0**	**2,010.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-99	**5,220.0**	**24.6**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-99	**15,000.0**	**76.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-00	**7,158.0**	**389.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**8.3**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-01	**2,290.0**	**4.0**	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**5.3**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**4,300.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**4,300.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-01	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-01	NA	NA	**2.9**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-02	NA	**7.5**	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3.8**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-02	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**6.1**	NI	**380.0**	**180.0**	NI	NI	NI	NI	NI	NI
Oct-03	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<0.43	NI	NA	NA	NI	NI	NI	NI	NI	NI
Jan-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**2,000.0**	**1,300.0**	**430.0**	NI	NI	NI	NI	NI	NI
Nov-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**200.0**	**4,900.0**	NA	NI	NI	NI	NI	NI	NI
May-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jun-05	NA	**2.0**	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jul-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<1	**1,400.0**	**4,300.0**	<20	NI	NI	NI	NI	NI	NI
Dec-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	**1,800**	**160**	NI	**1,300**	NI	NI
Oct-06	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**465.0**	**559.0**	**414**	**3,500**	**540**	NI	**5,440**	NI	NI
Apr-07	NA	NA	NA	**3.5**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**2.1**	NA	NA	NA	NA	NA	NI	NA	NI	NI
Nov-07	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	<10	NA	**4200**	**2,300**	NA	NI	NA	NI	NI
Jun-08	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	**33.0**	NA	NI	NI
Jun-09	**97**	NA	NA	**2.1**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**140**	NA	**770**	**590**	**3,800**	NA	NA	NI	NI
Jul-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**30**	NA	NA	NA	NA	NA	NA	NA	NI	NI
Dec-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**0.3** U	NA	NA	**4600**	NA	NA	NA	**7,800**	NI	NI
Mar-11	**260**	**0.2**	**0.21**	**0.24** U	**0.24** U	**2.1**	**130.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**320**	**230**	NA	**910**	**1,600**	**1.2** U	NA	NI	NI
Nov-11	NA	NA	NA	NA	**0.24** U	**0.24** U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**320**	**130**	**330**	**960**	**2,600**	NA	**3,500**	NI	NI
Jun-12	**160**	NA	**0.25**	NL	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
Aug-12	NA	**0.3**	NA	NA	**0.17** U	**0.24** U	**0.67** I*	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**150**	**13**	**5,500**	**280**	**1,700**	**3,900**	**3.3**	**1,800**	NI	NI
Mar-13	**12**	**1.7**	**0.25**	NL	NA	NA	**0.57** J	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**9.0**	**12**	**1,700**	**300**	**1,200**	**1,400**	**1.2**	**2,300**	NI	NI
Aug-13	**490**	<0.16	<0.16	NL	<0.19	NA	<0.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**9.0**	**0.57** J	**680** D	**430**	**760** D	**1,200** D	**0.96** J	**5,700** D	NI	NI

McKenzie Tank Lines, Port Wentworth, GA

Table 3-4: Deep Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Deep Wells																													
Date	**MW-2D**	**MW-11D**	**MW-14D**	**MW-15D**	**MW-26**	**MW-35**	**MW-36**	**MW-38D**	**MW-39D**	**MW-41D**	**MW-43D**	**MW-44D**	**MW-47D**	**MW-49D**	**MW-51D**	**MW-52D**	**MW-53D**	**MW-54D**	**MW-55D**	**MW-56D**	**PAW-4**	**RW-1**	**RW-2**	**RW-3**	**RW-4**	**RW-5**	**RW-6**	**RW-7**	**RW-8**	**RW-9**
Feb-14	**715**	<0.160	**1.2**	NL	<0.160	NA	<0.190	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**15.3**	**9.18**	**1,180** D	**595**	**13**	**1,440** D	**5.3**	**4,010** D	NI	NI
Jul-14	**1000** D	<0.19	**2.26**	NA	<0.19	<0.19	<0.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	<0.19	<0.19	**198**	**3,870** D	**67.1**	**1,550** D	<0.19	**38,200** D	NI	NI
Oct-14	**370**	<0.13 U	**1.2**	NL	<0.13 U	<0.13 U	<0.13 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**2.6**	**37**	**3.3** J	**7,400**	**660**	**1,000**	**0.37** J	**11,000**	NI	NI
Jan-15	**1100**	<0.48 U	**2.2**	NL	<0.48 U	<0.48 U	<0.48 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**37**	**1.8**	**2.0**	**34** J	**29**	**1,700**	<0.48 U	**740**	NI	NI
Apr-15	**1200**	<0.48 U	**2.0**	NL	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	**11**	**29**	**2.4** J	<2.4 U	<0.48 U	<0.48 U	<0.48 U	<4.8 U	<0.48 U	**29**	**4.3**	NS	NS	**0.94** J	NS	NS	NS	NI	NI
Oct-15	**920**	<0.48 U	**2.1**	NL	<0.48	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	**17**	**23**	<2.4	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	**25**	<0.48 U	NS	NS	**0.65** J	NS	NS	NS	NI	NI
Apr-16	**610**	<0.48 U	**2.3**	NL	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	**9.1**	**20**	**560.0**	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	**26**	<0.48 U	NS	NS	<0.48 U	NS	NS	NS	<0.48 U	<0.48 U
cis-1,2-Dichloroethylene		**Type 4 RRS (µg/L)**		**204**		**Delineation Criteria (µg/L)**		**70**																						
Mar-93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-94	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-96	<.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-96	<0.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-96	<0.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-96	<0.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-97	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-97	<.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-97	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3,990.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-98	**3,450.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-98	<0.21	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-98	**11,200.0**	**766.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-99	**7,680.0**	**42.9**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1,250.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-99	**14,000.0**	**95.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-00	**9,470.0**	**422.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**131.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-01	**2,280.0**		<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**79.7**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**5,400.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**5,200.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-01	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-01	NA	NA	**1.6**	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-02	NA	**3.9**	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**61.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-02	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**17.0**	NI	**630.0**	**1,500.0**	NI	NI	NI	NI	NI	NI
Oct-03	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**9.8**	NI	NA	NA	NI	NI	NI	NI	NI	NI
Jan-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**2,300.0**	**1,500.0**	**4,200.0**	NI	NI	NI	NI	NI	NI
Nov-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**4.4**	**2,800.0**	**7,000.0**	NA	NI	NI	NI	NI	NI	NI
May-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jun-05	NA	**10.0**	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**4.0**	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jul-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**1,700.0**	**7,600.0**	<20	NI	NI	NI	NI	NI	NI
Dec-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	**2,000**	**120**	NI	**81,000**	NI	NI
Oct-06	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**804.0**	**1,990.0**	**3,110.0**	**4,220**	**2,090**	NI	**16,500**	NI	NI
Apr-07	NA	NA	NA	**4.8**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**4.3**	NA	NA	NA	**2,100**	NA	NI	NA	NI	NI
Nov-07	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NL	**1,100.0**	NA	**6,300.0**	NA	NA	NI	NA	NI	NI
Jun-08	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	**11.0**	NA	NI	NI
Jun-09	**360**	NA	NA	**3.2**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**200.0**	NA	**4,100.0**	**2,200**	**9,300**	**37.0**	NA	NI	NI
Jul-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**200.0**	NA	NA	NA	NA	NA	NA	NA	NI	NI
Dec-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**2.5**	NA	NA	**8,500.0**	NA	NA	NA	**8,700**	NI	NI
Mar-11	**1,800**	**18.0**	**0.22** U	**0.22** U	**0.22** U	**14.0**	**300.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**850.0**	**3,500**	NA	**2,900**	**7,600**	**2.8** J	NA	NI	NI
Nov-11	NA	NA	NA	NA	**0.22** U	**0.22** U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**850.0**	**170**	**2,700.0**	**2,900**	**20,000**	NA	**6,700**	NI	NI
Jun-12	**650**	NA	**0.33** U	NL	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
Aug-12	NA	**0.7** J	NA	NA	**0.33** U	**0.22** U	**3.9**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**12**	**37**	**6,700**	**1,200**	**3,100**	**5,800**	**1.7**	**4,400**	NI	NI
Mar-13	**61**	**0.3** J	**1.6**	NL	NA	NA	**2.6**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**14**	**30**	**7,400**	**1,700**	**2,600**	**4,100**	**1.7**	**7,400**	NI	NI
Aug-13	**890** D	**1.7**	**2.6**	NL	<0.21	NA	**2.5**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**86**	**6.9**	**4,800** D	**3,500** D	**1,200** D	**9,200** D	**3.3**	**11,000**	NI	NI
Feb-14	**4,610** D	<0.210	**5.16**	NL	<0.21	NA	**0.73** J	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**43**	**31.2**	**2,760** D	**3,170** D	**20.7**	**1,840** D	**8.24**	**10,200**	NI	NI
Jul-14	**1,780** D	<0.21	**7.31**	NA	<0.21	<0.21	<0.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**59**	**21**	**1,000** D	**6,990** D	**87.4**	**3,070** D	**6.4**	**78,900** D	NI	NI
Oct-14	**1,600**	**0.96** J	**4.0**	NL	<0.15 U	<0.15 U	**1.4**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**74**	**58**	**1,100**	**11,000**	**850**	**2,000**	**120**	**19,000**	NI	NI
Jan-15	**3,100**	<0.41 U	**5.7**	NL	<0.41 U	<0.41 U	**1.1**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**66**	**9.5**	**7.0**	**5,300**	**28.0**	**4,600**	**6.0**	**5,100**	NI	NI
Apr-15	**4,600**	<0.41 U	**5.2**	NL	<0.41 U	<0.41 U	**1.0**	<0.41 U	<0.41 U	<0.41 U	<0.41 U	**18**	**39**	**450**	**400**	<0.41 U	**2.9**	**8.0**	**1,600**	**1.7**	**38**	**8.8**	NS	NS	**1.8**	NS	NS	NS	NI	NI
Oct-15	**2,900**	<0.41 U	**4.7**	NL	<0.41 U	<0.41 U	**0.7** J	<0.41 U	<0.41 U	<0.41 U	<0.41 U	**30**	**39**	**340**	**7**	<0.41 U	**1.5**	**8.7**	**4**	<0.41	**36**	**17.0**	NS	NS	**2.7**	NS	NS	NS	NI	NI
Apr-16	**3,200**	**0.73** J	**4.8**	NL	<0.41 U	**0.58** J	**0.78** J	<0.41 U	<0.41 U	<0.41 U	<0.41 U	**15**	**36**	**3100**	**19**	<0.41 U	**1.6**	**8.7**	**120**	**0.64** J	**35**	**8.3**	NS	NS	**1.9**	NS	NS	NS	**2.2**	**160**
Vinyl Chloride		**Type 4 RRS (µg/L)**		**3**		**Delineation Criteria (µg/L)**		**2**																						
Mar-93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-94	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-96	**31**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-96	**1,000**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-96	**1,300**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-96	**676**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-97	**140**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-97	**5,400**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-97	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**678.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-98	**120**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-98	**620**	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-98	**561**	**2.6**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-99	**187**	U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**467.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Oct-99	**900**	**1.2**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-00	**386**	**7.9**	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**122.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-01	**102**	<1	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**144.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**250**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-01	**360**	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-01	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-01	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-02	NA	<1	<1	<1	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**66.0**	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-02	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**13.0**	NI	<1	**52.0**	NI	NI	NI	NI	NI	NI
Oct-03	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**28.0**	NI	NA	NA	NI	NI	NI	NI	NI	NI
Jan-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**150.0**	**68.0**	**350.0**	NI	NI	NI	NI	NI	NI
Nov-04	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**9.2**	**300.0**	**290.0**	NA	NI	NI	NI	NI	NI	NI
May-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jun-05	NA	<1 U	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI
Jul-05	NA	NA	<1	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**10.0**	**180.0**	**620.0**	<20	NI	NI	NI	NI	NI	NI
Dec-05	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	**82.0**	<5	NI	**130.0**	NI	NI
Oct-06	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**121.0**	<40	**139.0**	**196.0**	**69.8**	NI	**262.0**	NI	NI
Apr-07	NA	NA	NA	<0.4	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**3.8**	NA	NA	**190.0**	NA	NA	NI	NA	NI	NI
Nov-07	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NL	**130.0**	NA	NA	**150.0**	NA	NI	NA	NI	NI
Jun-08	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	<0.52	NA	NI	NI
Jun-09	**38**	NA	NA	**0.48** U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	**52.0**	NA	**100.0**	**170.0**	**89.0**	**0.7** J	NA	NI	NI
Jul-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**33.0**	NA	NA	NA	NA	NA	NA	NA	NI	NI
Dec-10	NA	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**33.0**	NA	NA	**190.0**	NA	NA	NA	**160.0**	NI	NI

McKenzie Tank Lines, Port Wentworth, GA

Table 3-4: Deep Groundwater Constituents of Concern Cumulative Analytical Results

Constituent of Concern/Well ID	Deep Wells																																		
Date	MW-2D	MW-11D	MW-14D	MW-15D	MW-26	MW-35	MW-36	MW-38D	MW-39D	MW-41D	MW-43D	MW-44D	MW-47D	MW-49D	MW-51D	MW-52D	MW-53D	MW-54D	MW-55D	MW-56D	PAW-4	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8	RW-9
Mar-11	130	3.1	**0.33** U	**0.33** U	**0.3** U	**0.3** U	9.0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	47.0	430.0	NA	280.0	970	**1.6** U	NA	NI	NI
Nov-11	NA	NA	NA	NA	**0.3** U	**0.3** U	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	47.0	38.0	68.0	110.0	1,600	NA	130.0	NI	NI
Jun-12	70.0	NA	**0.18** U	NL	NA	NA	NA	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
Aug-12	NA	**0.5** J	NA	NA	**0.2** U	**0.3** U	**0.3** U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	**1.4**	4.7	210	34	96	170	**0.2** U	100	NI	NI
Mar-13	32	**0.2** U	**0.18** U	NL	NA	NA	**0.2** U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	3.7	9.8	340	76	250	200	**0.2** U	240	NI	NI
Aug-13	92	<0.19 U	<0.19 U	NL	NA	<0.19	<0.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	25	3.8	370 D	160	42	650	<0.19	490 D	NI	NI
Feb-14	270 D	<0.19 U	<0.19 U	NL	NA	<0.19	<0.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	3.7	5.6	206 D	162	3.4	91.9	<0.19	355	NI	NI
Jul-14	162	<0.19 U	<0.19 U	NA	<0.190	<0.19	<0.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.2	4.14	76.2	236 D	4.04	88.5	<0.19	573	NI	NI
Oct-14	290	<0.18 U	<0.18 U	NL	<0.18 U	<0.18 U	<0.18 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	37	22	280	330	43	62	4.5	780	NI	NI
Jan-15	220	<0.50 U	<0.50 U	NL	<0.50 U	<0.50 U	<0.50 U	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	5.0	**3.0**	**2.1**	370	**2.1**	220	<0.50 U	550	NI	NI
Apr-15	270	<0,50 U	<0,50 U	NL	<0,50 U	<0.50 U	<0,50 U	<0,50 U	<0.50 U	<0,50 U	<0,50 U	**0.5** J	<0,50 U	21	120	<0,50 U	<0,50 U	12.0	140	<0,50 U	3.1	**1.1**	NS	NS	**0.83** J	NS	NS	NS	NI	NI
Oct-15	380	<0,50 U	<0,50 U	NL	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	11	7	>0.50 U	<0,50 U	14.0	4	<0,50 U	4.2	3.2	NS	NS	<0,50 U	NS	NS	NS	NI	NI
Apr-16	310	<0,50 U	<0,50 U	NL	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	<0,50 U	120	18	<0,50 U	<0,50 U	17	7.2	<0,50 U	4.4	**2.5**	NS	NS	<0,50	NS	NS	NS	**1.2**	76

Notes:

110.0

0.3

All data prior to August 2013 reported by previous environmental consultants
U = Value is below detection limits
NA = Well not accessible
NS = Well not sampled
NI = Well not installed
NU = Well not utilized in groundwater sampling program
NL = Well not located
< = less than method detection limit (MDL)
J = this is an estimated value that is above the MDL but below the practical quantitation limit
I*= not certain

Table 3-5: Historical Groundwater Potentiometric Surface Elevations: Shallow Wells

Well ID # (Well Diameter, in.)	TOC Elevation (ft.)	Groundwater Potentiometric Surface Elevation (ft.)						MW Min.* (ft.)	MW Max.* (ft.)	MW Range* (ft.)	MW Avg.* (ft.)	MW Var.* (ft.)
		Jul-14	Oct-14	Jan-15	Apr-15	Oct-15	Apr-16					
Shallow Wells												
G-17 (1)	8.94	6.40	3.94	6.39	6.26	4.79	3.84	3.84	6.40	2.56	5.27	1.51
G-19 (1)	9.85	5.94	3.40	5.67	5.48	4.80	3.85	3.40	5.94	2.54	4.86	1.07
G-22 (1)	9.36	4.05	2.59	4.33	4.28	3.51	2.51	2.51	4.33	1.82	3.55	0.68
MW-2S (2)	11.54	8.93	7.17	9.20	10.49	8.73	7.54	7.17	10.49	3.32	8.68	1.44
MW-4S (2)	10.86	5.29	4.58	5.67	6.03	5.21	4.62	4.58	6.03	1.45	5.23	0.33
MW-15S (1)	8.27	5.47	3.72	5.59	5.51	4.53	3.76	3.72	5.59	1.87	4.76	0.78
MW-29 (1)	9.39	7.31	5.35	6.93	7.43	6.22	6.50	5.35	7.43	2.08	6.62	0.60
MW-31 (1)	11.96	6.76	5.81	5.88	7.05	6.47	5.16	5.16	7.05	1.89	6.19	0.49
MW-32 (1)	12.02	7.00	6.04	7.24	7.51	6.82	6.52	6.04	7.51	1.47	6.86	0.28
MW-33 (1)	8.48	5.61	3.70	5.63	NM	4.36	3.81	3.70	5.63	1.93	4.62	0.89
MW-37S (2)	10.14	NI	NI	NI	5.59	5.21	4.89	4.89	5.59	0.70	5.23	0.12
MW-40S (2)	5.57	NI	NI	NI	5.39	4.48	3.97	3.97	5.39	1.42	4.61	0.52
MW-42S (2)	10.71	NI	NI	NI	7.22	6.47	6.31	6.31	7.22	0.91	6.66	0.24
MW-45S (2)	13.74	NI	NI	NI	7.93	7.27	6.99	6.99	7.93	0.94	7.40	0.23
MW-46S (2)	14.01	NI	NI	NI	7.90	7.67	7.32	7.32	7.90	0.58	7.63	0.09
MW-48S (2)	13.56	NI	NI	NI	8.32	7.46	7.11	7.11	8.32	1.21	7.63	0.39
MW-50S (2)	11.18	NI	NI	NI	6.72	5.75	5.40	5.40	6.72	1.32	5.96	0.47
PAW-3 (2)	11.83	7.31	6.38	7.41	7.99	7.33	6.42	6.38	7.99	1.61	7.14	0.39
MW-U2 (2)	10.91	NL	NL	6.93	8.73	7.92	6.51	6.51	8.73	2.22	7.52	1.00
Event Min.*[2] (ft.)		4.05	2.59	4.33	4.28	3.51	2.51	**Global Min.*[2] (ft.)**		2.51		
Event Max.*[2] (ft.)		8.93	7.17	9.20	10.49	8.73	7.54	**Global Max.*[2] (ft.)**		10.49		
Event Range*[2] (ft.)		4.88	4.58	4.87	6.21	5.22	5.03	**Global Range*[2] (ft.)**		7.98		
Event Avg.*[2] (ft.)		6.37	4.79	6.41	6.99	6.05	5.42	**Global Avg.*[2] (ft.)**		6.01		
Event Var.*[2] (ft.)		1.70	2.10	1.55	2.24	2.12	2.26	**Global Var.*[2] (ft.)**		2.42		

Notes:

Top of casing (TOC) elevations are based on surveys conducted by Brewer Land Surveying in October 2013, EMC Engineering Services in June 2015, and Mock Surveying in January 2016.

*** = 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 July 2014 to October 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 July 2014 to APR 2016

NI - Not Installed N/A - Not Applicable

NL - Not Located NM - Not Measured

Table 3-6: Historical Groundwater Potentiometric Surface Elevations: Deep Wells

Well ID # (Well Diameter, in.)	TOC Elevation (ft.)	Groundwater Potentiometric Surface Elevation (ft.)						MW Min.* (ft.)	MW Max.* (ft.)	MW Range* (ft.)	MW Avg.* (ft.)	MW Var.* (ft.)
		Jul-14	Oct-14	Jan-15	Apr-15	Oct-15	Apr-16					
Deep Wells												
MW-2D (2)	11.39	6.76	6.16	7.34	7.41	6.97	6.48	6.16	7.41	1.25	6.85	0.24
MW-11D (2)	16.07	7.87	7.04	8.15	9.08	7.92	7.43	7.04	9.08	2.04	7.92	0.48
MW-14D (2)	12.06	6.87	5.38	6.09	6.44	5.86	5.63	5.38	6.87	1.49	6.05	0.30
MW-26 (1)	8.42	5.30	5.00	5.86	NM	5.50	5.01	5.00	5.86	0.86	5.33	0.13
MW-35 (0.75)	6.28	NL	NM	NM	6.08	5.57	5.18	5.18	6.08	0.90	5.61	0.20
MW-36 (0.75)	9.86	5.49	4.94	6.05	6.16	5.78	5.09	4.94	6.16	1.22	5.59	0.25
MW-38D (2)	10.08	NI	NI	NI	5.54	4.94	4.68	4.68	5.54	0.86	5.05	0.19
MW-39D (2)	7.25	NI	NI	NI	5.07	4.42	4.02	4.02	5.07	1.05	4.50	0.28
MW-41D (2)	9.59	NI	NI	NI	6.67	5.97	5.44	5.44	6.67	1.23	6.03	0.38
MW-43D (2)	10.77	NI	NI	NI	7.16	6.58	6.11	6.11	7.16	1.05	6.62	0.28
MW-44D (2)	13.83	NI	NI	NI	7.45	6.94	6.68	6.68	7.45	0.77	7.02	0.15
MW-47D (2)	13.63	NI	NI	NI	7.66	7.20	6.86	6.86	7.66	0.80	7.24	0.16
MW-49D (2)	11.09	NI	NI	NI	6.44	5.74	5.25	5.25	6.44	1.19	5.81	0.36
MW-51D (2)	9.87	NI	NI	NI	6.10	5.26	4.77	4.77	6.10	1.33	5.38	0.45
MW-52D (2)	8.29	NI	NI	NI	5.60	5.16	4.69	4.69	5.60	0.91	5.15	0.21
MW-53D (2)	7.62	NI	NI	NI	6.30	5.56	4.92	4.92	6.30	1.38	5.59	0.48
MW-54D (2)	10.91	NI	NI	NI	7.09	6.30	5.93	5.93	7.09	1.16	6.44	0.35
MW-55D (2)	11.78	NI	NI	NI	6.76	6.18	5.73	5.73	6.76	1.03	6.22	0.27
MW-56D (2)	10.68	NI	NI	NI	7.37	6.55	6.13	6.13	7.37	1.24	6.68	0.40
PAW-4 (2)	11.99	6.67	5.99	6.96	7.49	6.77	6.21	5.99	7.49	1.50	6.68	0.29
RW-1 (4)	11.69	7.18	6.34	7.63	8.58	7.26	6.81	6.34	8.58	2.24	7.30	0.59
RW-2 (4)	9.24	6.62	5.76	7.03	NM	NM	NM	5.76	7.03	1.27	6.47	0.42
RW-3 (6)	7.58	5.64	4.80	5.80	NM	NM	NM	4.80	5.80	1.00	5.41	0.29
RW-4 (6)	13.25	6.90	6.15	7.27	8.10	7.19	6.57	6.15	8.10	1.95	7.03	0.45
RW-5 (6)	11.71	6.76	5.94	7.06	NM	NM	NM	5.94	7.06	1.12	6.59	0.34
RW-6 (6)	10.12	5.44	4.67	5.64	NM	NM	NM	4.67	5.64	0.97	5.25	0.26
RW-7 (6)	8.63	5.13	4.75	5.88	NM	NM	NM	4.75	5.88	1.13	5.25	0.33
RW-8 (4)	7.43	NI	NI	NI	NI	NI	4.83	4.83	4.83	0.00	4.83	N/A
RW-9 (4)	11.79	NI	NI	NI	NI	NI	6.10	6.10	6.10	0.00	6.10	N/A
Event Min.*[2] (ft.)		5.13	4.67	5.64	5.07	4.42	4.02	**Global Min.*[2] (ft.)**		4.02		
Event Max.*[2] (ft.)		7.87	7.04	8.15	9.08	7.92	7.43	**Global Max.*[2] (ft.)**		9.08		
Event Range*[2] (ft.)		2.74	2.37	2.51	4.01	3.50	3.41	**Global Range*[2] (ft.)**		5.06		
Event Avg.*[2] (ft.)		6.36	5.61	6.67	6.88	6.16	5.69	**Global Avg.*[2] (ft.)**		6.23		
Event Var.*[2] (ft.)		0.73	0.55	0.68	1.02	0.78	0.75	**Global Var.*[2] (ft.)**		0.96		

Notes:

Top of casing (TOC) elevations are based on surveys conducted by Brewer Land Surveying in October 2013, EMC Engineering Services in June 2015, and Mock Surveying in January 2016.

*** = 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 July 2014 to October 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 July 2014 to APR 2016

NI - Not Installed
N/A - Not Applicable
NL - Not Located
NM - Not Measured

Table 4-1: McKenzie Tank Lines, Port Wentworth, GA
Post-Excavation Confirmatory Soil and Sediment Sampling Analytical Results

Sample ID (Sample Depth, ft.)	Sample Date/Time	Tetrachloroethene (PCE)		Trichloroethene (TCE)		Cis-1,2-Dichloroethene (DCE)		Vinyl Chloride (VC)		Benzene		Toluene		Ethylbenzene		Total Xylenes	
		Delineation Criteria 180 (µg/kg)		Delineation Criteria 130 (µg/kg)		Delineation Criteria 530 (µg/kg)		Delineation Criteria 40 (µg/kg)		Delineation Criteria 20 (µg/kg)		Delineation Criteria 14,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)	
		Type III RRS 500 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 7,000 (µg/kg)		Type III RRS 200 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 100,000 (µg/kg)		Type III RRS 70,000 (µg/kg)		Type III RRS 1,000,000 (µg/kg)	
		Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag
AOC1-SB-C(2.0-2.5)	3/31/2015 13:53	<1.8		<1.2		<1.3		<1.4		<0.67		<0.77		<1.2		<1.0	
AOC1-SB-C(2.5-3.0)	3/31/2015 13:59	<1.8		<1.2		<1.3		<1.4		<0.69		<0.79		<1.2		<1.0	
AOC1-SB-E(2.5-3.0)	3/31/2015 14:17	<1.7		<1.2		<1.3		<1.4		<0.66		<0.76		<1.2		<1.0	
AOC1-SB-E(3.5-4.0)	3/31/2015 14:19	<1.8		<1.2		<1.3		<1.4		<0.68		<0.78		<1.2		<1.0	
AOC1-SB-N(2.5-3.0)	3/31/2015 14:44	<1.1		<0.76		<0.82		<0.88		<0.43		<0.49		<0.76		<0.64	
AOC1-SB-N(3.5-4.0)	3/31/2015 14:48	<1.5		<1.0		<1.1		<1.2		<0.57		<0.65		<1.0		<0.86	
AOC1-SB-S(2.5-3.0)	3/31/2015 14:27	<1.3		<0.88		<0.95		<1.0		<0.50		<0.57		<0.88		<0.75	
AOC1-SB-S(3.5-4.0)	3/31/2015 14:33	<1.6		<1.1		<1.2		<1.3		<0.63		<0.72		<1.1		<0.94	
AOC1-SB-W(2.0-2.5)	3/31/2015 14:02	<1.1		<0.76		<0.82		<0.88		<0.43		<0.49		<0.76		<0.65	
AOC1-SB-W(2.5-3.0)	3/31/2015 14:06	<1.9		<1.3		<1.4		<1.5		<0.72		<0.82		<1.3		<1.1	
AOC2-SB-C(2.0-2.5)	3/31/2015 12:16	<1.7		<1.1		<1.2		<1.3		<0.64		<0.73		<1.1		<0.96	
AOC2-SB-C(3.5-4.0)	3/31/2015 12:19	<2.7		<1.9		<2.0		<2.2		<1.0		<1.2		<1.9		<1.6	
AOC2-SB-E(2.0-2.5)	3/31/2015 12:02	<1.4		<0.98		<1.1		<1.1		<0.55		<0.63		**2.7**	J	**19**	
AOC2-SB-E(3.5-4.0)	3/31/2015 12:07	<1.9		<1.3		<1.4		<1.5		<0.72		**3.0**	J	<1.3		**3.6**	J
AOC2-SB-N(2.0-2.5)	3/31/2015 12:27	<1.1		<0.78		<0.84		<0.90		<0.44		<0.51		<0.78		<0.66	
AOC2-SB-N(3.5-4.0)	3/31/2015 12:30	<1.5		<1.0		<1.1		<1.2		<0.58		<0.67		<1.0		<0.88	
AOC2-SB-S(2.0-2.5)	3/31/2015 12:39	<1.6		<1.1		<1.2		<1.3		<0.62		<0.71		<1.1		<0.93	
AOC2-SB-S(3.5-4.0)	3/31/2015 12:41	<1.4		<0.94		<1.0		<1.1		<0.53		<0.61		<0.94		<0.79	
AOC2-SB-W(2.0-2.5)	3/31/2015 12:50	<1.2		<0.83		<0.89		<0.96		<0.47		<0.54		<0.83		<0.70	
AOC2-SB-W(3.5-4.0)	3/31/2015 12:56	<1.9		<1.3		<1.4		<1.5		<0.73		<0.83		<1.3		<1.1	
AOC3-SB-C(2.0-2.5)	3/31/2015 10:38	<1.4		<0.98		<1.1		<1.1		<0.55		<0.63		<0.98		**0.84**	J
AOC3-SB-C(3.5-4.0)	3/31/2015 10:43	<1.5		<1.1		<1.1		<1.2		<0.59		<0.68		<1.1		<0.89	
AOC3-SB-E(2.5-3.0)	3/31/2015 10:22	**10**		**1.6**	J	<0.97		<1.0		<0.51		<0.58		<0.90		<0.76	
AOC3-SB-E(3.5-4.0)	3/31/2015 10:25	**1,200**		**590**		**280**	J*	<120		<60		<69		<110		<90	
AOC3-SB-E-5E(3.0-3.5)	10/20/2015 9:15	<1.9		<1.3		<1.4		<1.5		<0.74		<0.85		<1.3		<1.1	
AOC3-SB-E-5E(4.5-5.0)*	10/20/2015 9:24	<1.6		<1.1		<1.2		<1.3		<0.62		<0.72		<1.1		<0.94	
AOC3-SB-E-5N(3.5-4.0)	10/20/2015 10:20	<1.7		<1.2		<1.2		<1.3		<0.65		<0.74		<1.2		<0.98	
AOC3-SB-E-5S(3.0-3.5)	10/20/2015 10:45	<2.0		<1.4		<1.5		<1.6		<0.78		<0.89		<1.4		<1.2	
AOC3-SB-N(2.0-2.5)	1/20/2015 10:50	<0.85		<0.58		<0.62		<0.67		<0.33		<0.37		<0.58		<0.49	
AOC3-SB-N(3.5-4.0)	1/20/2015 10:50	<0.85		<0.58		<0.62		<0.67		<0.32		<0.37		<0.58		<0.49	
AOC3-SB-S(2.5-3.0)	3/31/2015 10:58	<1.9		<1.3		<1.4		<1.5		<0.74		<0.85		<1.3		<1.1	
AOC3-SB-S(3.5-4.0)	3/31/2015 11:03	<1.4		<0.99		<1.1		<1.1		<0.56		<0.64		<0.99		<0.84	
AOC3-SB-W(2.0-2.5)	3/31/2015 10:47	<1.9		<1.3		<1.4		<1.5		<0.74		<0.85		<1.3		**1.2**	J
AOC3-SB-W(3.5-4.0)	3/31/2015 10:51	<1.1		<0.77		<0.83		<0.88		<0.43		<0.50		<0.77		<0.65	
AOC4-SB-BLD-NE(1.5-2.0)	4/1/2015 10:27	<1.3		<0.88		<0.95		<1.0		<0.49		<0.57		<0.88		<0.75	
AOC4-SB-BLD-NW(2.0-2.5)	4/1/2015 10:20	<410		<280		**20,000**		**690**	J	<160		**220**	J	<280		<240	
AOC4-SB-BLD-NW(2.5-3.0)	4/1/2015 10:23	<250		<170		**14,000**		**800**		<97		**220**	J	<170		<150	
AOC4-SB-BLD-NW-5E(3.0-3.5)	10/20/2015 15:00	<400		<280		**33,000**		<320		<150		<180		<280		<230	
AOC4-SB-BLD-NW-5E(4.5-5.0)	10/20/2015 15:32	**11,000,000**		**150,000**	J	**470,000**	J	<150,000		<73,000		**130,000**	J	<130,000		<110,000	
AOC4-SB-BLD-NW-15E(3.0-3.5)	10/21/2015 12:12	<2.0		<1.4		**3.7**	J	<1.6		<0.76		<0.88		<1.4		<1.1	
AOC4-SB-BLD-NW-15E(4.5-5.0)	10/21/2015 12:39	<2.1		<1.4		**64**		**33**		<0.81		<0.93		<1.4		<1.2	
AOC4-SB-BLD-NW-15N(4.5-5.0)	1/21/2016 15:20	<1.1		<0.76		**11**		**2.1**	J	<0.43		<0.49		<0.76		<0.64	
AOC4-SB-BLD-SE(2.0-2.5)	4/1/2015 10:33	**4.0**		<0.57		**2.4**		<0.66		<0.32		<0.37		<0.57		<0.48	
AOC4-SB-BLD-SW(2.0-2.5)	4/1/2015 10:10	**2.2**	J	<0.94		<1.0		<1.1		<0.53		<0.61		<0.94		<0.80	
AOC4-SB-BLD-SW(3.0-3.5)	4/1/2015 10:15	<0.83		**0.68**	J	**0.87**	J	<0.65		<0.32		<0.37		<0.57		<0.48	
AOC4-SB-C(2.5-3.0)	3/30/2015 15:13	<1.1		<0.77		**22**		**2.2**	J	<0.43		<0.50		<0.77		<0.65	
AOC4-SB-C(4.0-4.5)	3/30/2015 15:17	<300		<200		**18,000**		**1,800**		<110		<130		<200		<170	
AOC4-SB-C-5N(3.0-4.0)	10/20/2015 12:00	<2.4		<1.6		**16.0**		**2.5**	J	<0.90		<1.0		<1.6		<1.4	
AOC4-SB-C-5S(4.5-5.0)	10/20/2015 13:55	<2.0		<1.3		**9.0**		<1.5		<0.75		<0.87		<1.3		<1.1	
AOC4-SB-C-5W(4.5-5.0)	10/20/2015 14:22	<1.7		<1.2		**2.0**	J	<1.3		<0.66		<0.76		<1.2		<0.99	
AOC4-SB-C-NW - 10E(4.5-5.0)	1/21/2016 15:20	<1.0		<0.69		**5.7**		**5.7**		<0.38		<0.44		<0.69		<0.58	
AOC4-SB-E(3.5-4.0)	3/30/2015 14:27	<1.3		<0.91		**110**		**16**		<0.51		<0.59		<0.91		**2.4**	J
AOC4-SB-E(4.0-4.5)	3/30/2015 14:29	<77		<53		**460**		<61		<29		<34		<53		<44	
AOC4-SB-N(2.5-3.0)	3/30/2015 14:44	<0.91		<0.62		<0.67		<0.72		<0.35		<0.40		<0.62		<0.53	
AOC4-SB-N(4.0-4.5)	3/30/2015 14:48	<0.81		<0.55		**1.0**	J	<0.64		<0.31		<0.36		<0.55		<0.47	
AOC4-SB-S(2.5-3.0)	3/30/2015 15:30	**2.2**	J	<0.75		<0.81		<0.87		<0.42		<0.49		<0.75		<0.64	
AOC4-SB-S(4.0-4.5)	3/30/2015 15:33	**1.7**	J	**3.1**		**8.4**		<0.88		<0.43		<0.49		<0.76		**0.81**	J
AOC4-SB-W(2.5-3.0)	3/30/2015 14:51	<0.74		<0.51		**1.3**	J	<0.58		<0.28		**0.78**	J	<0.51		**1.9**	J
AOC4-SB-W(4.0-4.5)	3/30/2015 15:02	<1.3		<0.86		**36**		<0.99		<0.48		<0.55		<0.86		<0.72	
AOC5-SB-C(2.0-2.5)	3/30/2015 16:18	<0.88		<0.60		<0.64		<0.69		<0.34		<0.39		<0.60		<0.51	

Table 4-1: McKenzie Tank Lines, Port Wentworth, GA
Post-Excavation Confirmatory Soil and Sediment Sampling Analytical Results

Sample ID (Sample Depth, ft.)	Sample Date/Time	Tetrachloroethene (PCE)		Trichloroethene (TCE)		Cis-1,2-Dichloroethene (DCE)		Vinyl Chloride (VC)		Benzene		Toluene		Ethylbenzene		Total Xylenes	
		Delineation Criteria 180 (µg/kg)		Delineation Criteria 130 (µg/kg)		Delineation Criteria 530 (µg/kg)		Delineation Criteria 40 (µg/kg)		Delineation Criteria 20 (µg/kg)		Delineation Criteria 14,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)	
		Type III RRS 500 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 7,000 (µg/kg)		Type III RRS 200 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 100,000 (µg/kg)		Type III RRS 70,000 (µg/kg)		Type III RRS 1,000,000 (µg/kg)	
		Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag
AOC5-SB-C(4.0-4.5)	3/30/2015 16:23	<2.0		<1.3		<1.4		<1.5		<0.75		<0.86		<1.3		<1.1	
AOC5-SB-E(2.5-3.0)	3/30/2015 15:54	<1.4		<0.95		<1.0		<1.1		<0.53		<0.61		<0.95		**0.99**	J
AOC5-SB-E(4.0-4.5)	3/30/2015 16:03	<1.0		<0.71		<0.77		<0.82		<0.40		<0.46		<0.71		<0.60	
AOC5-SB-N(2.0-2.5)	3/31/2015 9:37	<1.1		<0.74		<0.80		<0.85		**0.42**	J	<0.48		<0.74		**1.6**	J
AOC5-SB-N(4.0-4.5)	3/31/2015 9:41	<1.4		<0.96		<1.0		<1.1		<0.54		<0.62		<0.96		<0.82	
AOC5-SB-S(2.0-2.5)	1/20/2015 9:17	<1.8		<1.2		**4.8**		<1.4		<0.69		<0.79		<1.2		<1.0	
AOC5-SB-S(3.0-3.5)	1/20/2015 9:17	<1.6		<1.1		<1.2		<1.2		<0.60		<0.70		<1.1		<0.91	
AOC5-SB-W(2.5-3.0)	3/30/2015 16:29	<1.3		<0.90		<0.97		<1.0		<0.51		<0.58		<0.90		<0.76	
AOC5-SB-W(4.0-4.5)	3/30/2015 16:34	<1.3		<0.92		<0.99		<1.1		<0.52		<0.59		<0.92		<0.78	
AOC6-SD-1(1.0-2.0)	4/1/2015 14:52	<1.8		<1.3		<1.4		<1.5		<0.71		<0.81		<1.3		<1.1	
AOC6-SD-2(1.0-2.0)	4/1/2015 15:14	<0.83		<0.57		**0.79**	J	<0.65		<0.32		<0.37		<0.57		<0.48	
AOC6-SD-3(1.0-2.0)	4/1/2015 15:25	**3,400**		**220**	J	**540**		<100		<49		<57		<88		<74	
AOC6-SD-3-5E(1.0-2.0)	11/9/2015 15:37	<0.72		<0.49		<0.53		<0.57		<0.28		<0.32		<0.49		<0.42	
AOC6-SD-3-5W(1.0-2.0)	11/9/2015 16:16	**5,000**		**1,400**		**4,100**		<77		<37		**100**	JB	<67		<56	
AOC6-SD-3-10N(1.0-2.0)	11/9/2015 15:44	<100		**130**	J	**6,300**		**400**		<39		**110**	JB	**150**	J	**450**	J
AOC6-SD-3-10N-E-Bank(2.5-3.0)	1/21/2016 15:20	<1.1		<0.73		<0.79		<0.84		<0.41		<0.47		<0.73		<0.62	
AOC6-SD-3-10N-W-Bank(1.5-2.0)	1/21/2016 15:24	**30,000**		**8,200**		**7,800**		<600		<290		<340		<520		<440	
AOC6-SD-3-10N-10W (1.0-2.0)	7/20/2016 13:49	**8,100**		**2,300**		**2,300**		<12		<5.9		<5.9		<5.9		<5.9	
AOC6-SD-3-10S(1.0-2.0)	11/9/2015 16:00	<35		<24		<25		<27		<13		**20**	JB	**47**	J	**48**	J
AOC6-SD-3-10S-10W(2.0-2.5)	7/20/2016 13:37	<5.2		<5.2		<5.2		<10		<5.2		<5.2		<5.2		<5.2	
AOC6-SD-3-20W(2.0-2.5)	1/21/2016 15:32	**65**		**20**		**27**		<0.75		<0.36		<0.42		<0.65		<0.55	
AOC6-SD-3-25N (1.0-2.0)	1/21/2016 15:32	**240,000**		**1,600**		**1,000**		<3100		<1500		<1700		<2700		<2300	
AOC6-SD-3-25N-E-Bank(2.0-2.5)	1/21/2016 15:22	<1.4		<0.94		**3.8**		<1.1		<0.53		<0.61		<0.94		<0.79	
AOC6-SD-3-25N-W-Bank(2.0-2.5)	1/21/2016 15:24	**11,000**		**1,300**		**2,900**		<140		<68		<78		<120		<100	
AOC6-SD-3-25N-10W(2.0-2.5)	7/20/2016 14:02	<3.7		<3.7		<3.7		<7.5		<3.7		<3.7		<3.7		<3.7	
AOC6-SD-3-35N(1.0-2.0)	7/20/2016 14:10	**27,000**		**2,200**		**9,500**		**26**		<2.8		**240**		**20**		<2.8	
AOC6-SD-3-35N-E-Bank(1.0-2.0)	7/20/2016 14:15	**73**		**11**		**5.1**		<5.8		<2.9		<2.9		<2.9		<2.9	
AOC6-SD-3-35N-W-Bank(1.0-2.0)	7/20/2016 14:05	**22**		<3.8		**11**		<7.7		<3.8		<3.8		<3.8		<3.8	
AOC6-SD-3-35N-10W(2.0-2.5)	7/20/2016 13:57	**630**		**220**		**130**		<7.7		<3.9		<3.9		<3.9		<3.9	
AOC6-SD-3-55N(1.0-2.0)	1/21/2016 15:22	<40		<27		**270**		<32		<15		<18		<27		<23	
AOC6-SD-3-55N-E-Bank(1.0-2.0)	1/21/2016 15:37	<1.7		<1.2		<1.3		<1.4		<0.66		<0.76		<1.2		<1.0	
AOC6-SD-3-55N-W-Bank(1.0-2.0)	1/21/2016 15:40	**3.4**		<0.56		**58**		<0.65		<0.32		<0.36		<0.56		<0.48	
AOC6-SD-4(1.0-2.0)	4/1/2015 15:58	<0.67		<0.46		**0.51**	J	<0.53		<0.26		<0.29		<0.46		<0.39	
AOC7-SB-C(2.5-3.0)	3/31/2015 13:08	**8.9**		<0.66		<0.71		<0.76		<0.37		<0.43		<0.66		<0.56	
AOC7-SB-C(4.0-4.5)	3/31/2015 13:12	**13**		**14**		**28**		<1.5		<0.71		<0.81		<1.3		<1.1	
AOC7-SB-E(2.5-3.0)	3/31/2015 13:37	<1.1		<0.77		<0.83		<0.88		<0.43		<0.50		<0.77		<0.65	
AOC7-SB-E(4.0-4.5)	3/31/2015 13:41	<1.7		<1.2		**3.3**	J	**2.3**	J	<0.66		**1.3**	J	<1.2		**2.0**	J
AOC7-SB-N(2.0-2.5)	1/20/2015 12:15	<0.90		<0.62		<0.66		<0.71		<0.35		<0.40		<0.62		<0.52	
AOC7-SB-N(3.0-3.5)	1/20/2015 12:15	<1.0		<0.71		<0.77		<0.82		<0.40		<0.46		<0.71		<0.60	
AOC7-SB-W(1.0-1.5)	1/20/2015 14:45	<2.9		<2.0		<2.1		<2.3		<1.1		<1.3		<2.0		<1.7	
AOC7-SB-W(3.5-4.0)	1/20/2015 14:45	<1.8		<1.3		<1.4		<1.5		<0.71		<0.81		<1.3		<1.1	
AOC7-SB-S(2.5-3.0)	3/31/2015 13:22	<1.7		<1.2		<1.3		<1.4		<0.67		<0.77		<1.2		<1.0	
AOC7-SB-S(4.0-4.5)	3/31/2015 13:27	<1.4		<0.97		<1.0		<1.1		<0.54		<0.63		<0.97		<0.82	
AOC8-SB-C(1.5-2.0)	4/1/2015 9:15	<2.3		<1.5		<1.7		<1.8		<0.87		<1.0		<1.5		<1.3	
AOC8-SB-E(2.0-2.5)	4/1/2015 9:07	<0.64		<0.44		<0.47		<0.50		<0.25		<0.28		<0.44		<0.37	
AOC8-SB-N(2.5-3.0)	3/31/2015 11:11	<1.1		<0.76		<0.81		<0.87		<0.42		<0.49		**0.84**	J	**8.4**	
AOC8-SB-N(4.0-4.5)	3/31/2015 11:16	<1.5		<1.0		**9.7**		<1.2		<0.56		<0.65		<1.0		<0.85	
AOC8-SB-S(2.5-3.0)	3/31/2015 10:10	<1.4		<0.99		<1.1		<1.1		<0.55		<0.64		**1.9**	J	**14**	
AOC8-SB-S(3.5-4.0)	3/31/2015 10:13	<0.76		<0.52		<0.56		<0.60		<0.29		<0.34		**1.2**	J	**7.6**	
AOC8-SB-W(2.5-3.0)	3/31/2015 9:58	<1.2		<0.83		<0.90		<0.96		<0.47		<0.54		<0.83		<0.71	
AOC8-SB-W(4.0-4.5)	3/31/2015 10:04	<1.1		<0.72		**0.83**	J	<0.83		<0.41		<0.47		<0.72		<0.61	
AOC9-SB-E(2.0-2.5)	3/31/2015 16:48	<0.81		<0.55		<0.60		<0.64		<0.31		<0.36		<0.55		<0.47	
AOC9-SB-N(1.5-2.0)	3/31/2015 16:38	<0.98		<0.67		<0.72		<0.77		<0.38		<0.43		<0.67		**2.5**	J
AOC9-SB-S(2.0-2.5)	4/1/2015 8:55	<1.3		<0.92		<0.99		<1.1		<0.52		<0.59		<0.92		<0.78	
AOC9-SB-S(3.0-3.5)	4/1/2015 9:00	<0.81		<0.55		<0.60		<0.64		<0.31		<0.36		<0.55		<0.47	
AOC9-SB-W(2.0-2.5)	3/31/2015 16:18	<1.7		<1.1		<1.2		<1.3		<0.64		<0.74		<1.1		<0.97	
AOC10-SB-C(2.0-2.5)	3/30/2015 14:00	<0.96		<0.66		<0.71		<0.76		<0.37		<0.43		<0.66		<0.56	
AOC10-SB-C(4.0-4.5)	3/30/2015 14:05	<0.89		<0.61		<0.66		<0.70		<0.34		<0.39		<0.61		<0.52	
AOC10-SB-E(2.0-2.5)	3/30/2015 14:07	<0.96		<0.66		**1.2**	J	<0.76		<0.37		<0.42		<0.66		<0.56	
AOC10-SB-E(4.0-4.5)	3/30/2015 14:11	<1.3		<0.88		**4.1**		<1.0		<0.50		<0.57		<0.88		**2.7**	J

Table 4-1: McKenzie Tank Lines, Port Wentworth, GA
Post-Excavation Confirmatory Soil and Sediment Sampling Analytical Results

Sample ID (Sample Depth, ft.)	Sample Date/Time	Tetrachloroethene (PCE)		Trichloroethene (TCE)		Cis-1,2-Dichloroethene (DCE)		Vinyl Chloride (VC)		Benzene		Toluene		Ethylbenzene		Total Xylenes	
		Delineation Criteria 180 (µg/kg)		Delineation Criteria 130 (µg/kg)		Delineation Criteria 530 (µg/kg)		Delineation Criteria 40 (µg/kg)		Delineation Criteria 20 (µg/kg)		Delineation Criteria 14,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)		Delineation Criteria 20,000 (µg/kg)	
		Type III RRS 500 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 7,000 (µg/kg)		Type III RRS 200 (µg/kg)		Type III RRS 500 (µg/kg)		Type III RRS 100,000 (µg/kg)		Type III RRS 70,000 (µg/kg)		Type III RRS 1,000,000 (µg/kg)	
		Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag
AOC10-SB-N(1.5-2.0)	1/19/2015 17:01	<1.3		<0.91		<0.98		<1.0		<0.51		<0.59		<0.91		<0.77	
AOC10-SB-N(5.5-6.0)	1/19/2015 17:01	<0.98		<0.67		**1.0**	J	<0.77		<0.38		<0.43		<0.67		<0.57	
AOC10-SB-S(2.5-3.0)	3/30/2015 13:40	<1.1		<0.74		<0.79		<0.85		<0.41		<0.48		**0.94**	J	**5.1**	J
AOC10-SB-S(3.5-4.0)	3/30/2015 13:47	<1.3		<0.91		<0.98		<1.0		<0.51		<0.59		<0.91		<0.77	
AOC10-SB-W(2.5-3.0)	3/30/2015 13:15	<1.1		<0.75		**5.9**		<0.87		<0.42		<0.49		<0.75		**2.7**	J
AOC10-SB-(3.5-4.0)	3/30/2015 13:20	<1.3		<0.87		**6.9**		<1.0		<0.49		<0.56		<0.87		**3.4**	J

20,000 = Concentration is greater than delineation criteria
5 = Concentration is above method detection limits but below delineation criteria
<1.3 = Concentration is below method detection limits
J = Concentration is less than the recovery limit but greater than or equal to the method detection limit and therefore the concentration is an approximate value

Table 4-2: McKenzie Tank Lines, Port Wentworth, GA
Former Office and Shop and Other Soil Analytical Results

Sample ID (Sample Depth, ft.)	Sample Date/Time	Tetrachloroethene		Trichloroethene		Cis-1,2-		Vinyl Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes	
		Delineation Criteria		Delineation Criteria		Delineation Criteria		Delineation Criteria		Delineation Criteria		Delineation Criteria		Delineation Criteria		Delineation Criteria	
		180		130		530		40		20		14,400		20,000		20,000	
		Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag	Result (µg/kg)	Flag
SB-1 (2-3 ft)	7/20/2016 10:12	<4.1		<4.1		<4.1		<8.2		<4.1		<4.1		<4.1		<3.4	
SB-1 (3-4 ft)	7/20/2016 10:12	<5.0		<5.0		<5.0		<10		<5.0		<5.0		<5.0		<5.0	
SB-2 (2-3 ft)	7/20/2016 10:17	<7.9		<7.9		<7.9		<16		<7.9		<7.9		<7.9		<7.9	
SB-2 (3-4 ft)*	7/20/2016 10:17	<7.0		<7.0		<7.0		<14		<7.0		<7.0		<7.0		<7.0	
SB-3 (2-3 ft)	7/20/2016 9:57	<3.2		<3.2		<3.2		<6.4		<3.2		<3.2		<3.2		<3.2	
SB-3 (3-4 ft)	7/20/2016 9:57	<4.5		<4.5		<4.5		<9.0		<4.5		<4.5		<4.5		<4.5	
SB-4 (2-3 ft)	7/20/2016 10:19	<3.9		<3.9		<3.9		<7.7		<3.9		<3.9		<3.9		<3.9	
SB-4 (3-4 ft)	7/20/2016 10:19	<210		<210		<210		<420		<210		<210		<210		<210	
SB-5 (2-3 ft)	7/20/2016 10:22	<5.8		<5.8		<5.8		<12		<5.8		<5.8		<5.8		<5.8	
SB-5 (3-4 ft)	7/20/2016 10:22	<200		<200		<200		<410		<200		<200		<200		<200	
SB-6 (2-3 ft)	7/20/2016 10:28	<4.8		<4.8		<4.8		<9.7		<4.8		<4.8		<4.8		<4.8	
SB-6 (3-4 ft)	7/20/2016 10:28	<4.7		<4.7		<4.7		<9.4		<4.7		<4.7		<4.7		<4.7	
SB-7 (2.5-3.0)	7/20/2016 9:33	<3.9		<3.9		<3.9		<7.9		<3.9		<3.9		<3.9		<3.9	
SB-7 (3-4 ft)	7/20/2016 9:33	<4.2		<4.2		<4.2		<8.3		<4.2		<4.2		<4.2		<4.2	
SB-8 (2-3 ft)	7/20/2016 9:25	<5.0		<5.0		<5.0		<10		<5.0		<5.0		<5.0		<5.0	
SB-8 (3-4 ft)	7/20/2016 9:25	<4.9		<4.9		<4.9		<9.7		<4.9		<4.9		<4.9		<4.9	
SB-9 (2.5-3.0 ft)	7/20/2016 9:16	<4.4		<4.4		<4.4		<8.8		<4.4		<4.4		<4.4		<4.4	
SB-9 (3-4.5 ft)	7/20/2016 9:16	<5.0		<5.0		<5.0		<10		<5.0		<5.0		<5.0		<5.0	
SB-10 (2-3 ft)	7/20/2016 9:10	<6.5		<6.5		<6.5		<13		<6.5		<6.5		<6.5		<6.5	
SB-10 (3-4.5 ft)	7/20/2016 9:10	<6.2		<6.2		<6.2		<12		<6.2		<6.2		<6.2		<6.2	
SB-11 (2-3.5 ft)	7/20/2016 9:05	<5.7		<5.7		<5.7		<11		<5.7		<5.7		<5.7		<5.7	
SB-11 (4-5 ft)	7/20/2016 9:05	<4.9		<4.9		<4.9		<9.8		<4.9		<4.9		<4.9		<4.9	
SB-12 (2.5-3.0 ft)	7/20/2016 9:00	<5.5		<5.5		<5.5		<11		<5.5		<5.5		<5.5		<5.5	
SB-12 (4-4.5 ft)	7/20/2016 9:00	<9.1		<9.1		<9.1		<18		<9.1		<9.1		<9.1		<9.1	
SB-13 (2-3 ft)*	7/20/2016 11:00	<7.0		<7.0		<7.0		<14		<7.0		<7.0		<7.0		<7.0	
SB-13 (3-4 ft)	7/20/2016 11:00	<4.9		<4.9		<4.9		<9.7		<4.9		<4.9		<4.9		<4.9	
SB-14 (2-3 ft)	7/20/2016 11:16	<3.3		<3.3		<3.3		<6.7		<3.3		<3.3		<3.3		<3.3	
SB-14 (3-4 ft)	7/20/2016 11:16	<5.3		<5.3		<5.3		<11		<5.3		<5.3		<5.3		<5.3	
SB-15 (2-3 ft)	7/20/2016 11:11	<3.6		<3.6		<3.6		<7.2		<3.6		<3.6		<3.6		<3.6	
SB-15 (3-4 ft)	7/20/2016 11:11	<4.5		<4.5		<4.5		<8.9		<4.5		<4.5		<4.5		<4.5	
SB-16 (2-3 ft)	7/20/2016 11:22	<3.6		<3.6		<3.6		<7.2		<3.6		<3.6		<3.6		<3.6	
SB-16 (3-4 ft)	7/20/2016 11:22	<4.0		<4.0		<4.0		<8.0		<4.0		<4.0		<4.0		<4.0	
SB-17 (2-3 ft)	7/20/2016 11:50	<4.1		<4.1		<4.1		<8.3		<4.1		<4.1		<4.1		<4.1	
SB-17 (3-4 ft)	7/20/2016 11:50	**4.7**		<2.6		<2.6		<5.2		<2.6		<2.6		<2.6		<2.6	
SB-18 (2-3 ft)	7/20/2016 11:43	<3.5		<3.5		<3.5		<6.9		<3.5		<3.5		<3.5		<3.5	
SB-18 (3-4 ft)	7/20/2016 11:43	<3.5		<3.5		<3.5		<6.9		<3.5		<3.5		<3.5		<3.5	

Notes:

20,000 = Concentration is greater than delineation criteria

5 = Concentration is above method detection limits but below delineation criteria

<1.3 = Concentration is below method detection limits

J = Concentration is less than the recovery limit but greater than or equal to the method detection limit and therefore the concentration is an approximate value

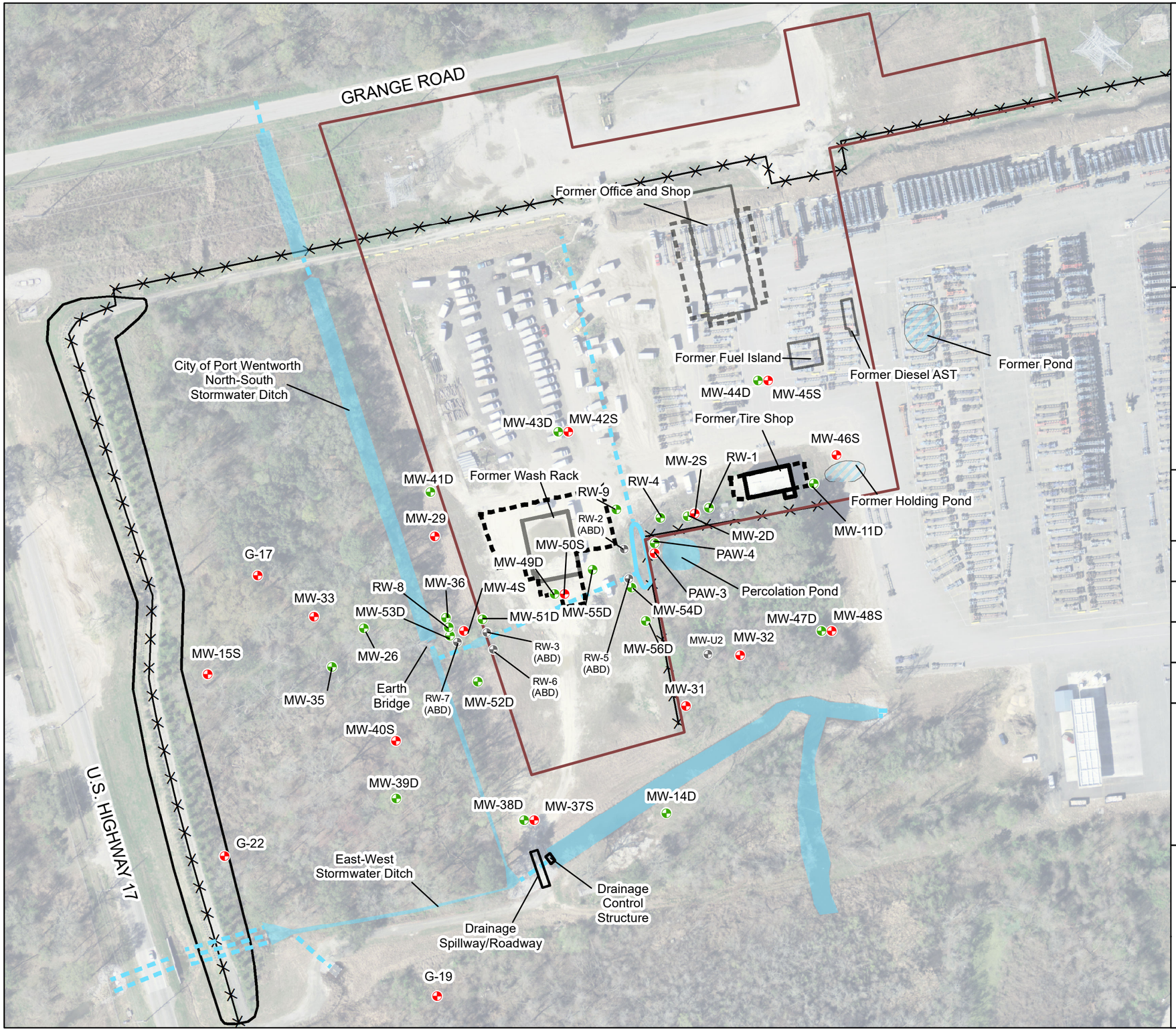
B = Compound was found in method blank and sample

* = Due to labeling error, samples could not be distinguished from one another. Since analytical results for all analytes in both samples were below detection limits, the higher of the two limits is shown.

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH SEMI-ANNUAL PROGRESS REPORT

FIGURES



Legend

- SHALLOW WELLS
- DEEP WELLS
- ABANDONED/NOT UTILIZED WELLS
- BERM OUTLINE
- SECURITY FENCE
- BELOW GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- FORMER WATER FEATURE
- (ABD) ABANDONED

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. OTHER FORMER SITE FEATURES WERE PLOTTED BASED UPON HISTORICAL SITE MAPS FROM McKENZIE TANK LINES. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET BELOW GROUND SURFACE ARE CONSIDERED SHALLOW WELLS. WELLS SCREENED AT INTERVALS APPROXIMATELY 20 FEET OR GREATER BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150

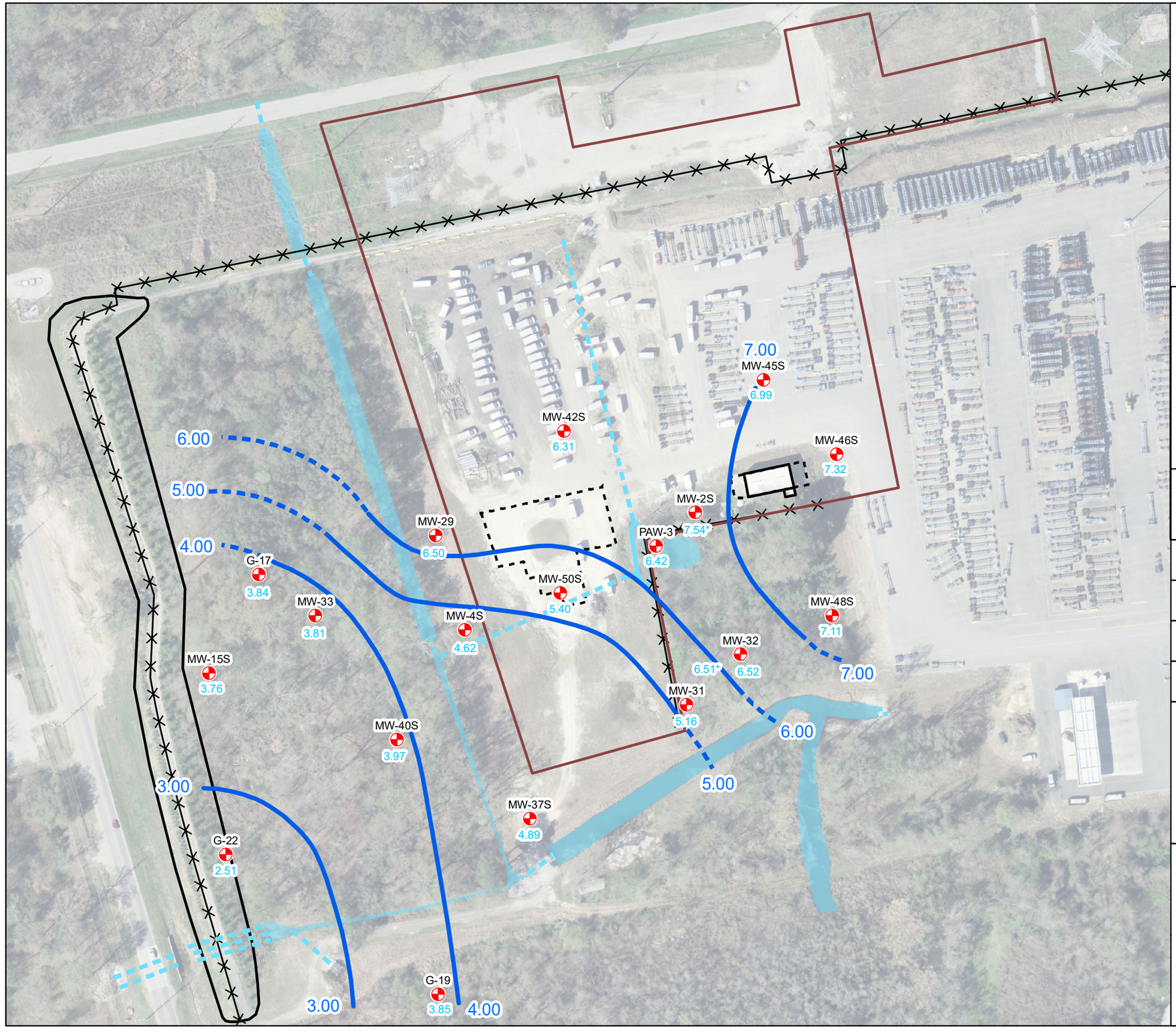
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 11/10/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 1-1: SITE LAYOUT MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31047

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- SHALLOW WELLS

GROUNDWATER CONTOURS

- GROUNDWATER CONTOURS (1 FOOT INTERVALS)
- ESTIMATED GROUNDWATER CONTOURS
- 7.67 GROUNDWATER ELEVATIONS (FT., NAVD 88)
- 8.73* DATA NOT CONSIDERED FOR CONTOURS

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEY CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET ARE CONSIDERED SHALLOW WELLS.

N

150 75 0 150

Feet

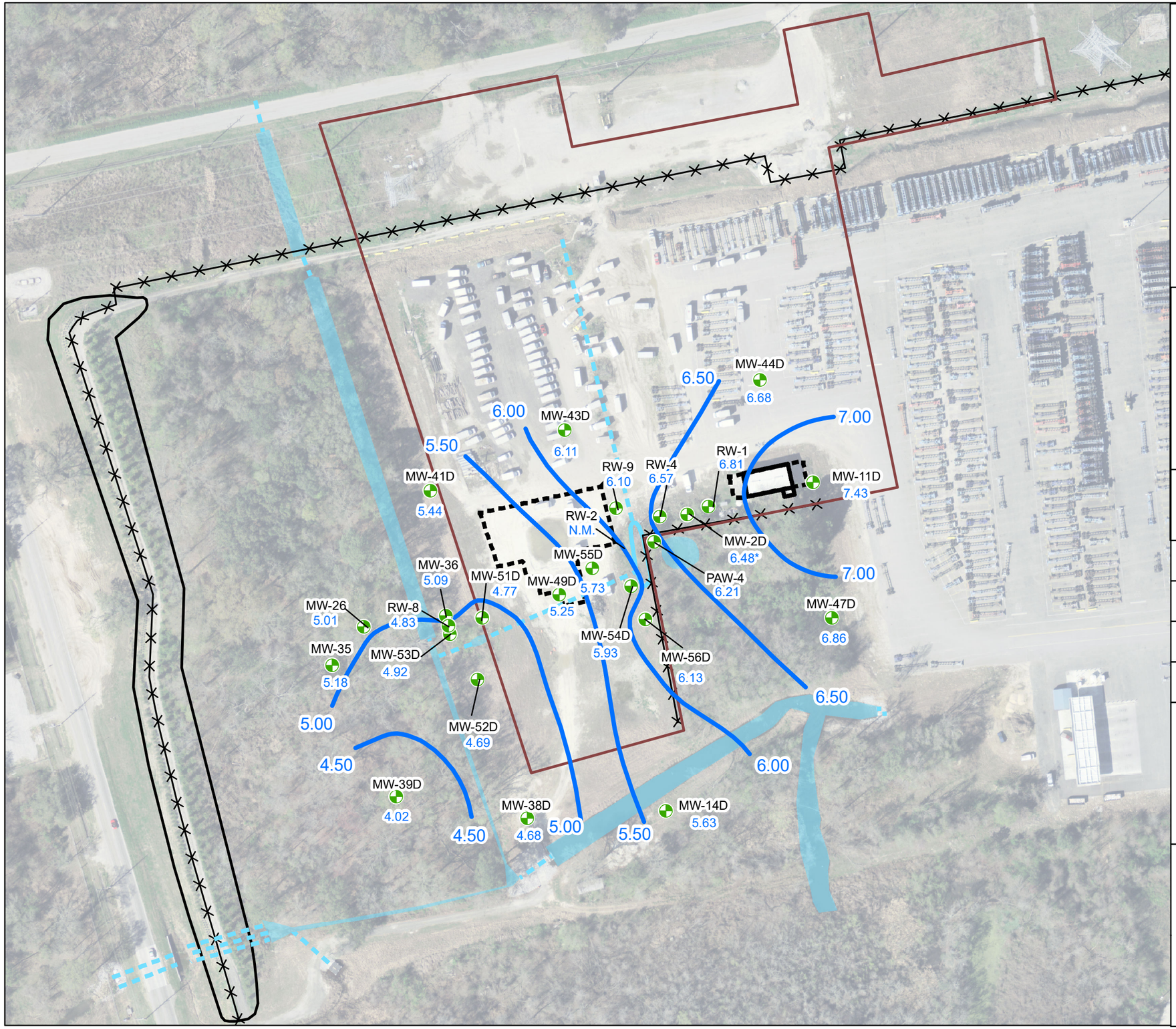
DESIGNED BY: S.F.H.	REVISIONS NO.	REVISIONS DATE	DATE: 11/10/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-1: OCTOBER 2015 SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE MAP

EIC

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- DEEP WELLS

GROUNDWATER CONTOURS

- GROUNDWATER CONTOURS (0.5 FOOT INTERVALS)
- ESTIMATED GROUNDWATER CONTOURS
- 7.92 GROUNDWATER ELEVATIONS (FT., NAVD 88)
- 6.97* DATA NOT CONSIDERED FOR CONTOURS

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEY CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013. WELLS SCREENED AT INTERVALS APPROXIMATELY 20 FEET OR GREATER BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150

Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-2: APRIL 2016 DEEP GROUNDWATER POTENTIOMETRIC SURFACE MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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

MW-45S
<0.74
MW-42S
<0.74
MW-46S
<0.74
MW-2S
<0.74
MW-29
<0.74
PAW-3
<0.74
<0.74
G-17
<0.74
MW-50S
<7.4
MW-33
<0.74
MW-4S
<15
MW-48S
<0.74
MW-32
31
MW-15S
<0.74
MW-31
11
MW-40S
<37
MW-37S
0.88 J
G-22
<0.74
G-19
<0.74

Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- SHALLOW WELLS

PCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 5 µg/L
- RRS TYPE 4 OF 98 µg/L

LABELS

- MW-40S WELL ID
- <0.74 CONCENTRATION IN µg/L
- <0.74* DATA NOT CONSIDERED FOR CONTOURS

CONCENTRATIONS IN µg/L

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET ARE CONSIDERED SHALLOW WELLS.

N

150 75 0 150

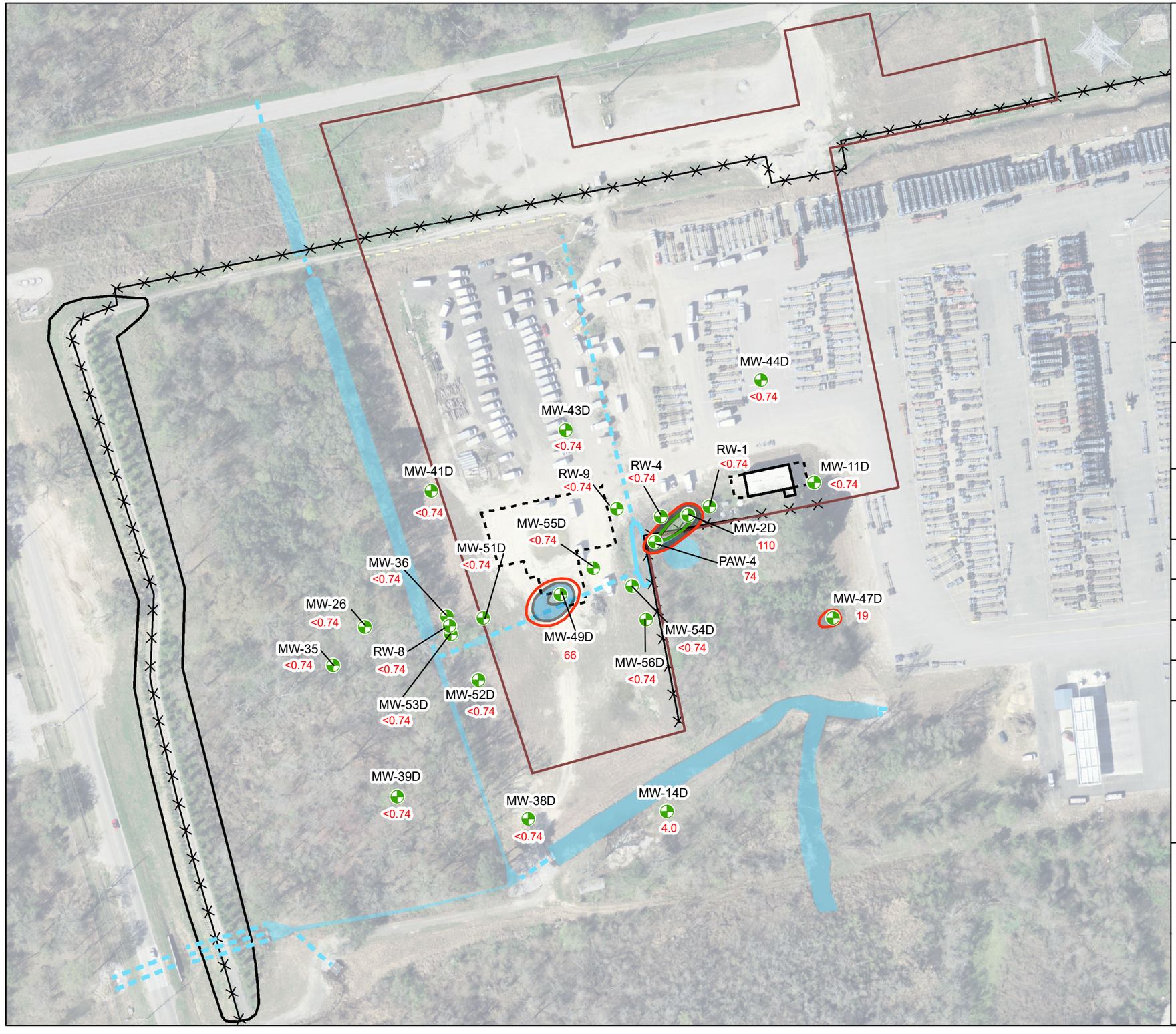
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 3-3: APRIL 2016 SHALLOW PCE ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- DEEP WELLS

PCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 5 µg/L
- RRS TYPE 4 OF 98 µg/L

LABELS

MW-53D	WELL ID
<0.150	CONCENTRATION IN µg/L
N.S.	NOT SAMPLED

CONCENTRATION GRADIENT (µg/L)

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 20 AND 30 FEET BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150

Feet

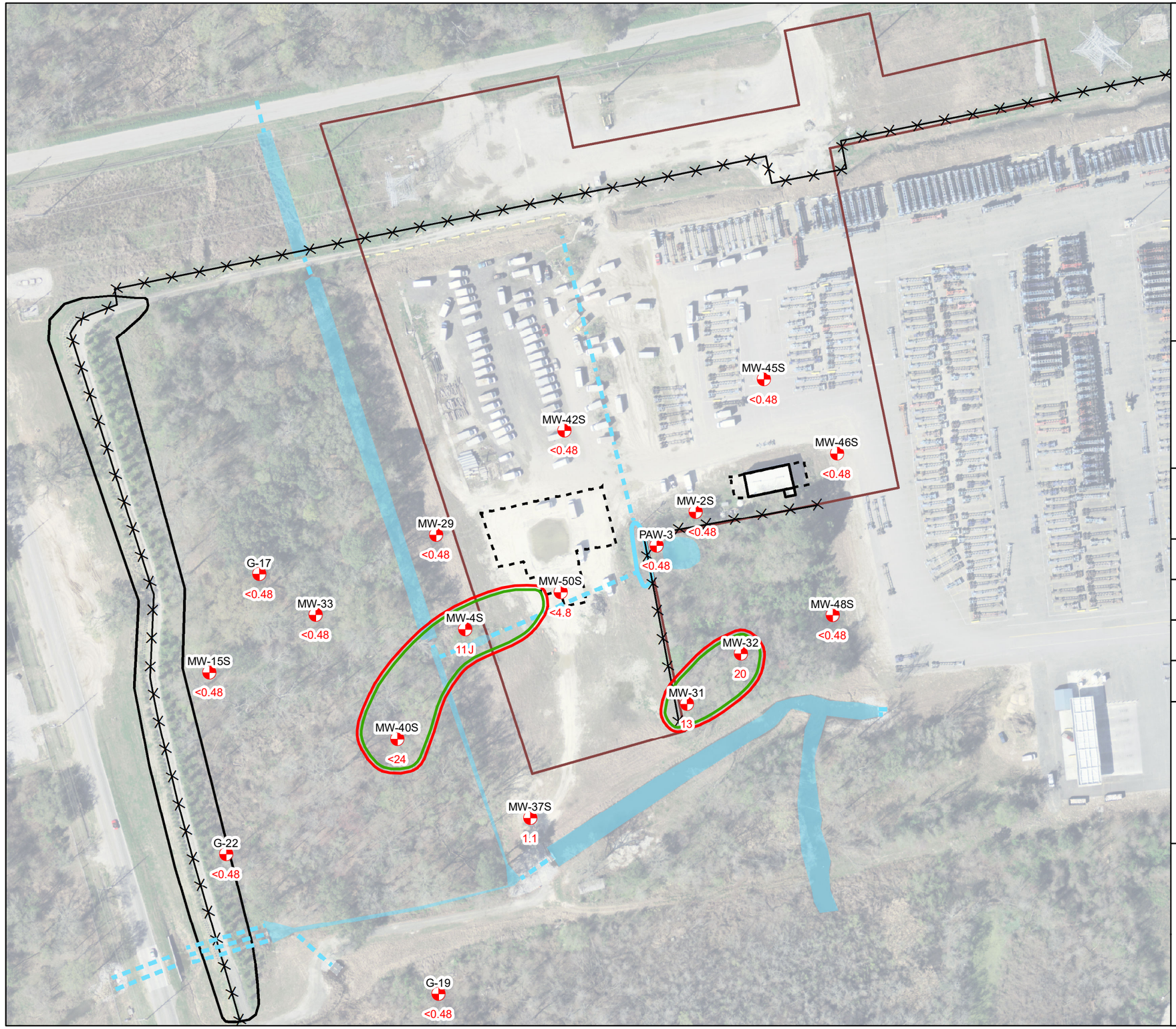
DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-4: APRIL 2016 DEEP PCE ISOCONCENTRATION MAP

EIC

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- SHALLOW WELLS

TCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 5 µg/L
- RRS TYPE 4 OF 5 µg/L

LABELS

- MW-40S — WELL ID
- <0.48 — CONCENTRATION IN µg/L
- <0.48* — DATA NOT CONSIDERED FOR CONTOURS

CONCENTRATIONS IN µg/L

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET ARE CONSIDERED SHALLOW WELLS.

N

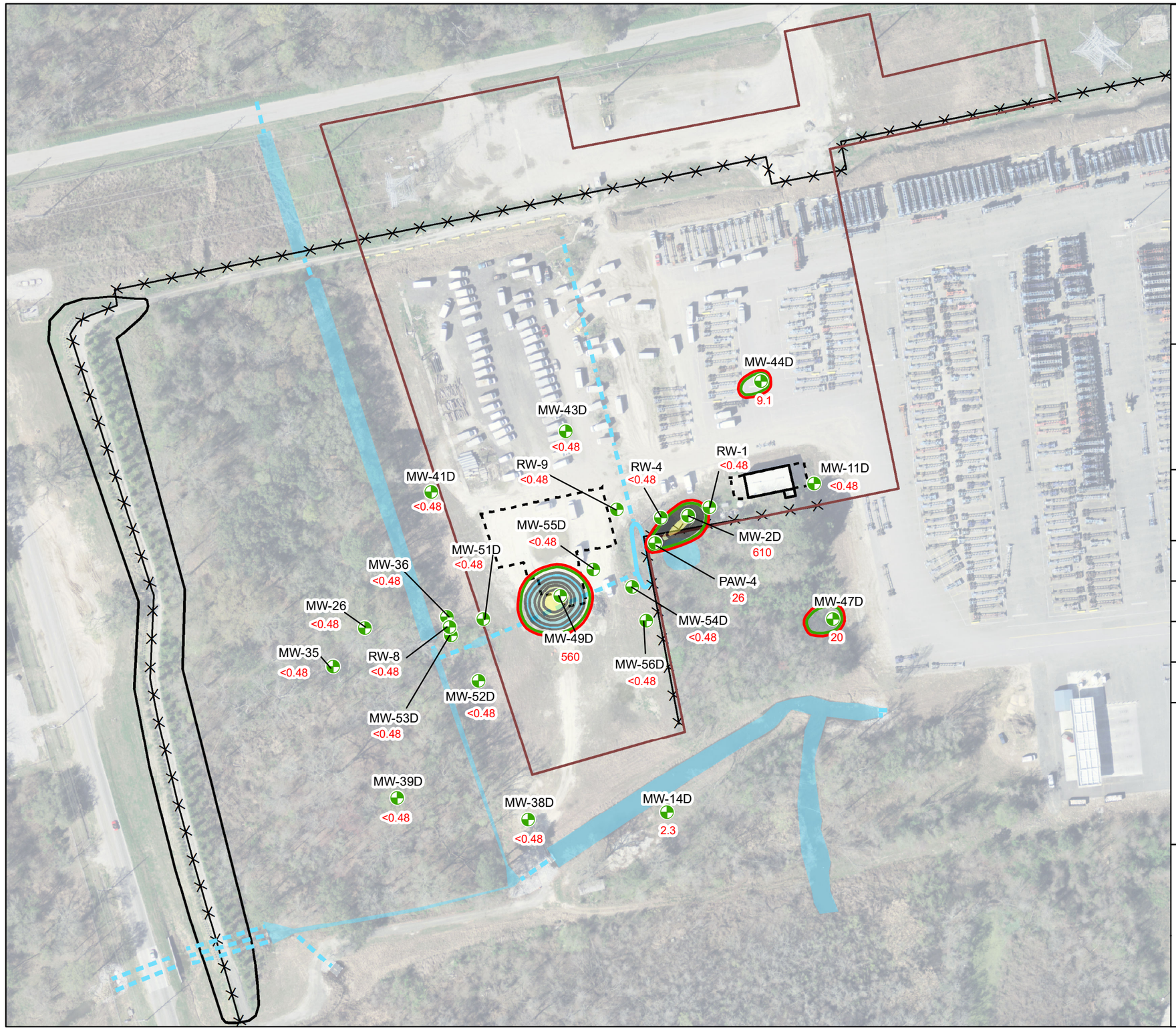
150 75 0 150 Feet

DESIGNED BY: A.G.	REVISIONS		DATE: 10/20/2016
	NO.	DATE	SCALE: SEE BAR SCALE
DRAWN BY: S.F.H.			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-5: APRIL 2016 SHALLOW TCE ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- DEEP WELLS

TCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 5 µg/L
- RRS TYPE 4 OF 5 µg/L

LABELS

MW-53D	WELL ID
<0.48	CONCENTRATION IN µg/L
N.S.	NOT SAMPLED

CONCENTRATION GRADIENT (µg/L)

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 20 AND 30 FEET BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150 Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 3-6: APRIL 2016 DEEP TCE ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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

Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- SHALLOW WELLS

DCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 70 µg/L
- RRS TYPE 4 OF 204 µg/L

LABELS

- MW-40S — WELL ID
- <0.41 — CONCENTRATION IN µg/L
- <0.41* — DATA NOT CONSIDERED FOR CONTOURS

CONCENTRATIONS IN µg/L

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET ARE CONSIDERED SHALLOW WELLS.

N

150 75 0 150

Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/19/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-7: APRIL 2016 SHALLOW DCE ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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

MW-44D
15
MW-43D
<0.41
MW-41D
<0.41
RW-9
160
RW-4
1.9
RW-1
8.3
MW-11D
0.73 J
MW-55D
120
MW-2D
3,200
MW-51D
19
PAW-4
35
MW-36
0.78 J
MW-26
<0.41
MW-47D
36
MW-35
0.58 J
MW-49D
3,100
MW-54D
8.7
RW-8
2.2
MW-56D
0.64 J
MW-52D
<0.41
MW-53D
1.6
MW-39D
<0.41
MW-38D
<0.41
MW-14D
4.8

Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- DEEP WELLS

DCE CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 70 µg/L
- RRS TYPE 4 OF 204 µg/L

LABELS

- MW-53D — WELL ID
- <0.41 — CONCENTRATION IN µg/L
- N.S. — NOT SAMPLED

CONCENTRATION GRADIENT (µg/L)

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 20 AND 30 FEET BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150

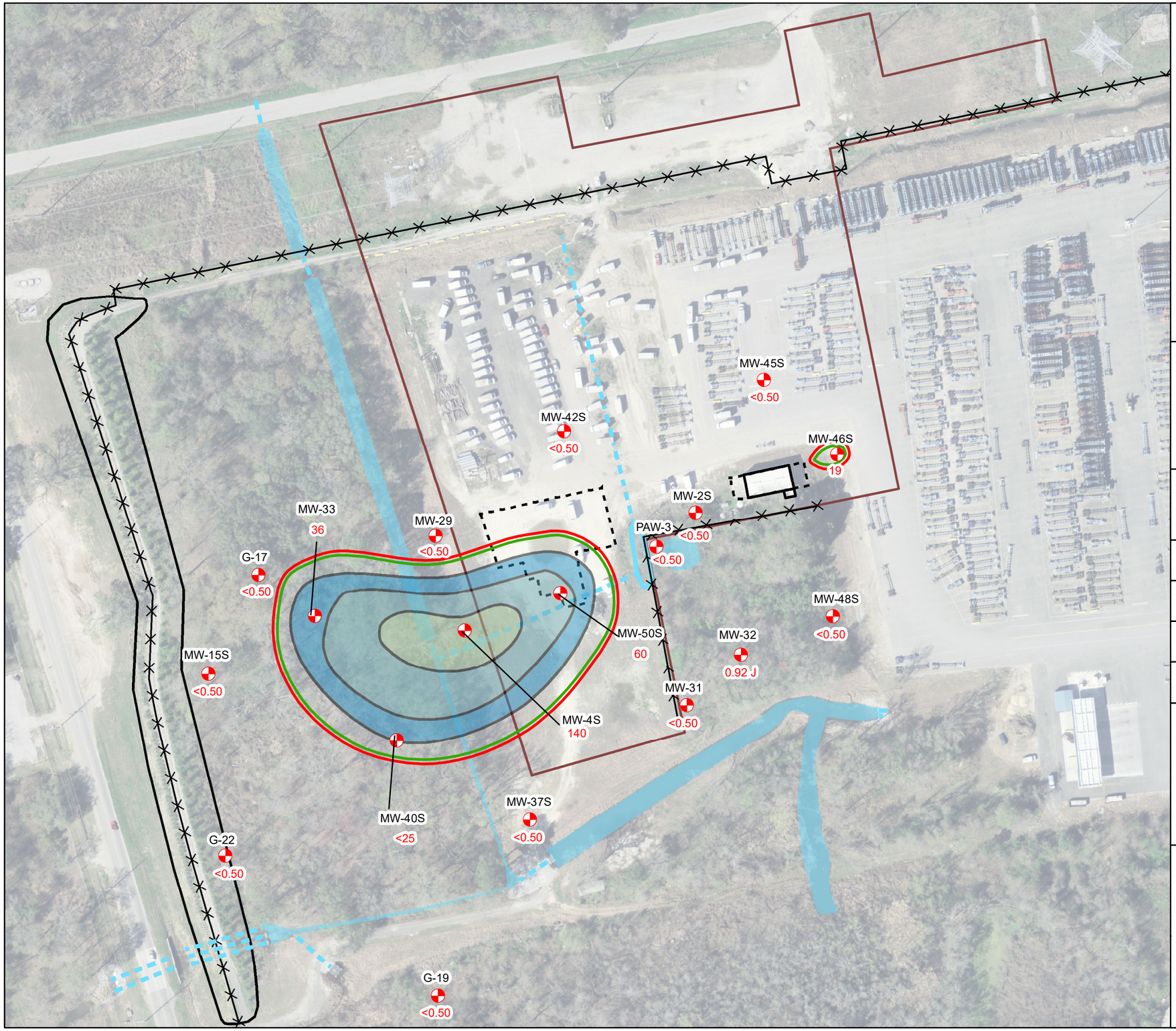
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-8: APRIL 2016 DEEP DCE ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- SHALLOW WELLS

VC CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 2 µg/L
- RRS TYPE 4 OF 3 µg/L

LABELS

MW-40S	WELL ID
<0.41	CONCENTRATION IN µg/L
<0.41*	DATA NOT CONSIDERED FOR CONTOURS

CONCENTRATIONS IN µg/L

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 10 AND 20 FEET ARE CONSIDERED SHALLOW WELLS.

N

150 75 0 150

Feet

DESIGNED BY: A.G.	REVISIONS		DATE: 10/19/2016
	NO.	DATE	SCALE: SEE BAR SCALE
DRAWN BY: S.F.H.			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-9: APRIL 2016 SHALLOW VC ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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

MW-44D
<0.50
MW-43D
<0.50
MW-41D
<0.50
RW-9
76
RW-4
<0.50
RW-1
2.5
MW-11D
<0.50
MW-55D
7.2
MW-49D
120
MW-2D
310
PAW-4
4.4
MW-54D
17
MW-56D
<0.50
MW-47D
<0.50
MW-36
<0.50
MW-26
<0.50
RW-8
1.2
MW-35
<0.50
MW-51D
18
MW-53D
<0.50
MW-52D
<0.50
MW-39D
<0.50
MW-38D
<0.50
MW-14D
<0.50

Legend

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- BELOW-GRADE STORM WATER DRAINAGE PIPES
- BUILDINGS
- CONCRETE APRONS
- STORM WATER SWALES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY
- DEEP WELLS

VC CONCENTRATIONS

CONTOURS

- DELINIATION CRITERION OF 2 µg/L
- RRS TYPE 4 OF 3 µg/L

LABELS

MW-53D	WELL ID
<0.50	CONCENTRATION IN µg/L
N.S.	NOT SAMPLED

CONCENTRATION GRADIENT (µg/L)

- 25 - 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- 1,000 - 2,500
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000+

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. WELL LOCATIONS AND OTHER SITE FEATURES ARE BASED UPON SURVEYS CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013 AND EMC ENGINEERING SERVICES IN JUNE 2015. WELLS SCREENED AT INTERVALS APPROXIMATELY BETWEEN 20 AND 30 FEET BELOW GROUND SURFACE ARE CONSIDERED DEEP WELLS.

N

150 75 0 150

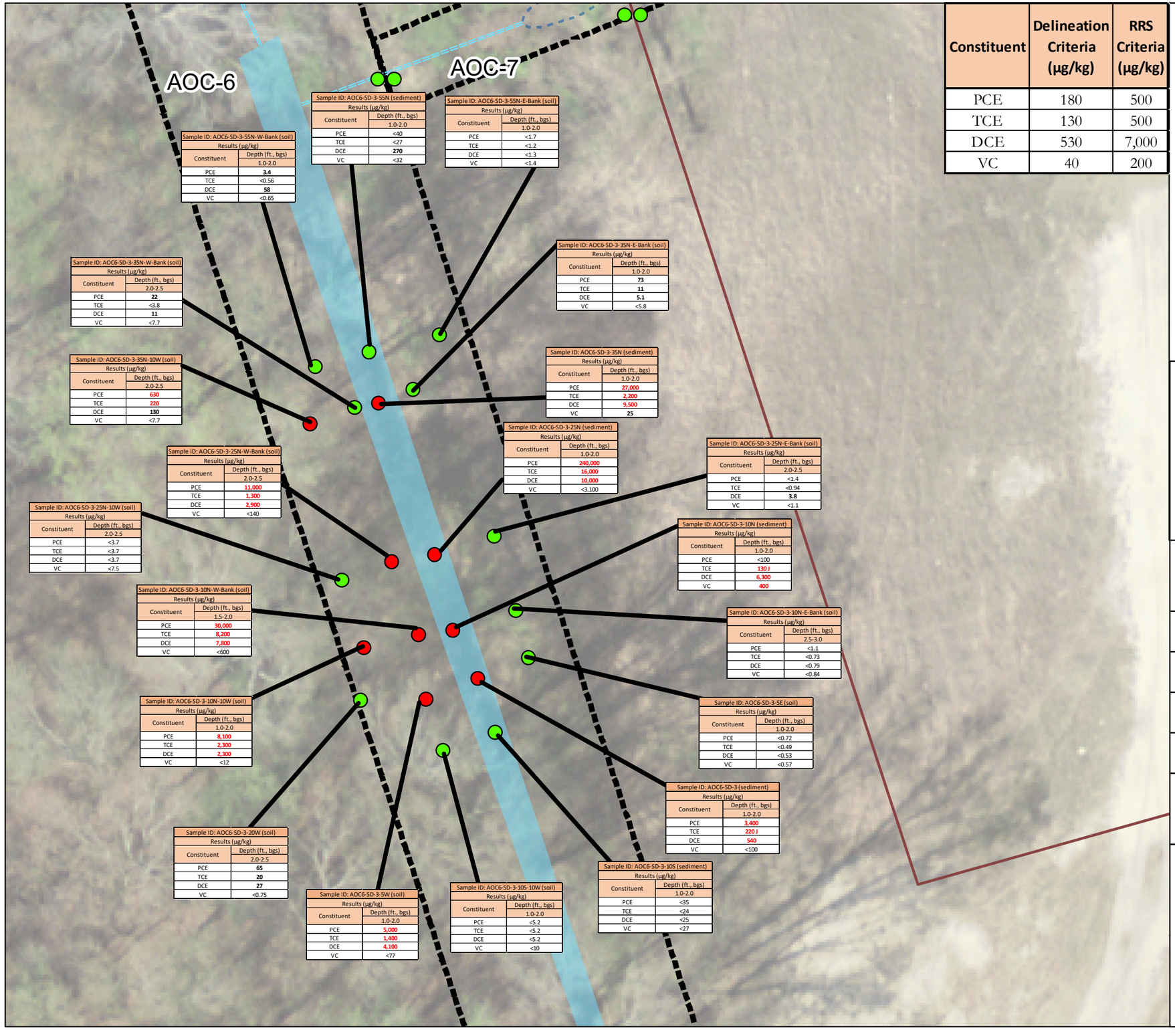
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/20/2016
DRAWN BY: S.F.H.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 3-10: APRIL 2016 DEEP VC ISOCONCENTRATION MAP

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31407

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



Constituent	Delineation Criteria (µg/kg)	RRS Criteria (µg/kg)
PCE	180	500
TCE	130	500
DCE	530	7,000
VC	40	200

Legend

AOC-6 AREA OF CONCERN

FORMER WATER FEATURE

AREA OF CONCERN EXTENTS

SHALLOW (LEFT) AND DEEP (RIGHT) SOIL ANALYTICAL RESULTS

RESULT IS BELOW DELINEATION AND RRS CRITERIA

RESULT IS ABOVE DELINEATION BUT BELOW RRS CRITERIA

RESULT IS ABOVE DELINEATION AND RRS CRITERIA

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- DRAINAGE PIPES
- BUILDINGS
- CONCRETE PADS
- DITCHES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. SITE FEATURES ARE BASED UPON SURVEY CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013.

AOC SOIL SAMPLING RESULTS ARE FROM JANUARY, MARCH, OCTOBER, AND NOVEMBER 2015 SOIL SAMPLING EVENTS. CONSTIUENTS OF CONCERN (COCS) INCLUDE PCE, TCE, DCE, VC.

N

20 10 0 20

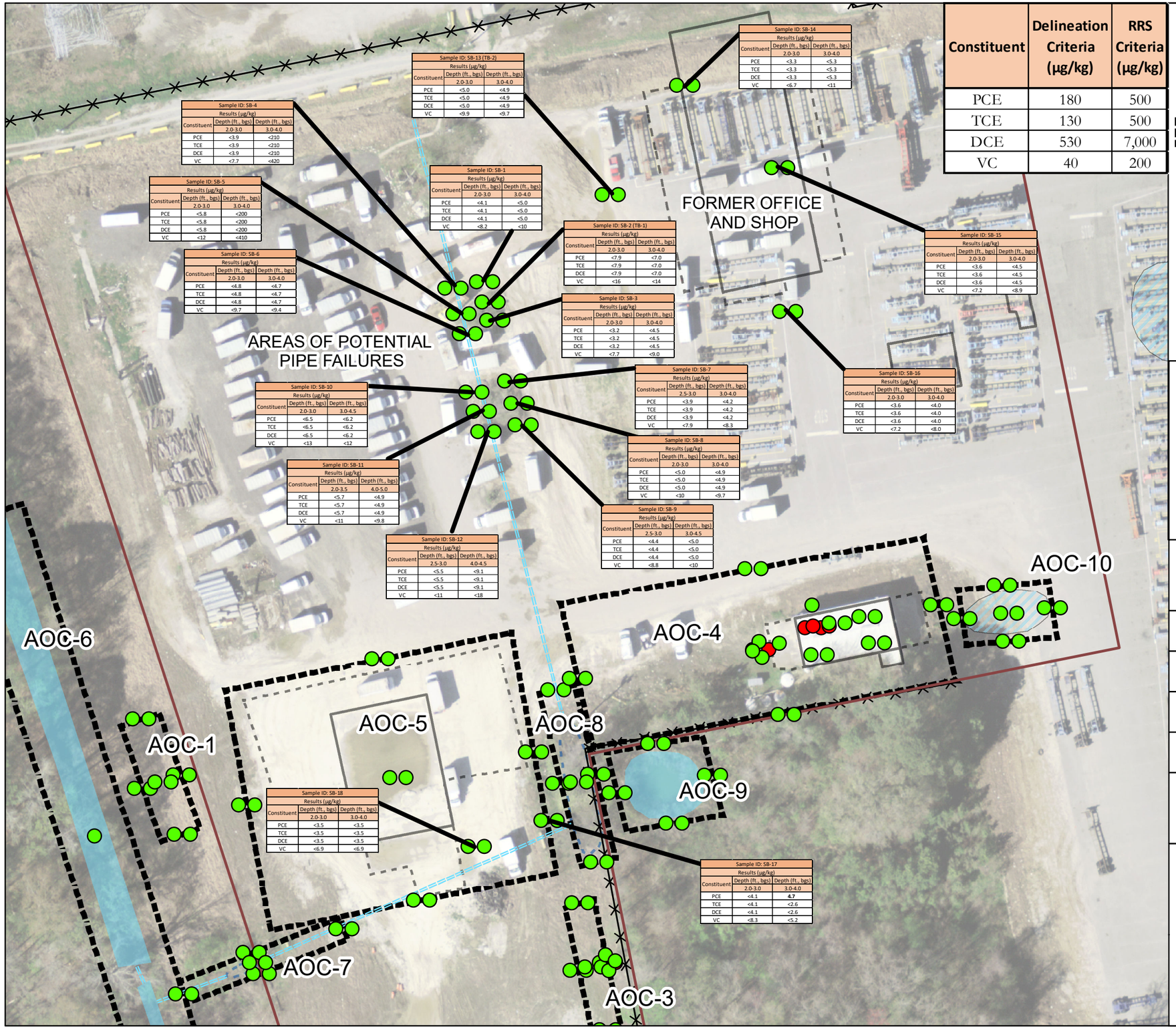
Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 10/28/2016
DRAWN BY: A.G.			SCALE: SEE BAR SCALE
CHECKED BY: A.S.			SHEET NO.: 1 OF 1
APPROVED BY: R.M.			

FIGURE 4-1: AOC-6 SOIL AND SEDIMENT ANALYTICAL RESULTS

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31047

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



Constituent	Delineation Criteria (µg/kg)	RRS Criteria (µg/kg)
PCE	180	500
TCE	130	500
DCE	530	7,000
VC	40	200

Legend

AOC-6 AREA OF CONCERN

FORMER WATER FEATURE

AREA OF CONCERN EXTENTS

SHALLOW (LEFT) AND DEEP (RIGHT) SOIL ANALYTICAL RESULTS

RESULT IS BELOW DELINEATION AND RRS CRITERIA

RESULT IS ABOVE DELINEATION BUT BELOW RRS CRITERIA

RESULT IS ABOVE DELINEATION AND RRS CRITERIA

SITE FEATURES

- BERM OUTLINE
- SECURITY FENCE
- DRAINAGE PIPES
- BUILDINGS
- CONCRETE PADS
- DITCHES
- WATER FEATURES
- FORMER MCKENZIE PROPERTY BOUNDARY

NOTES: AERIAL PHOTO IS FROM USGS 0.15m RESOLUTION ORTHOIMAGERY DATABASE. FORMER MCKENZIE PROPERTY BOUNDARY IS DERIVED FROM HISTORICAL TAX PLAT MAPS AVAILABLE FROM THE CHATHAM COUNTY TAX ASSESSORS OFFICE. SITE FEATURES ARE BASED UPON SURVEY CONDUCTED BY BREWER LAND SURVEYING COMPANY IN OCTOBER 2013.

AOC SOIL SAMPLING RESULTS ARE FROM JANUARY, MARCH, OCTOBER, AND NOVEMBER 2015 SOIL SAMPLING EVENTS. CONSTIUENTS OF CONCERN (COCS) INCLUDE PCE, TCE, DCE, VC.

N

70 35 0 70 Feet

DESIGNED BY: A.G.	REVISIONS NO.	REVISIONS DATE	DATE: 11/10/2016
DRAWN BY: A.G.			SCALE: SEE BAR SCALE
			SHEET NO.: 1 OF 1
CHECKED BY: A.S.			
APPROVED BY: R.M.			

FIGURE 4-2: FORMER OFFICE AND SHOP AND OTHER SOIL ANALYTICAL RESULTS

MCKENZIE TANK LINES
111 GRANGE ROAD
PORT WENTWORTH, GEORGIA 31047

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

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT 3-1
EIC WELL PURGING AND SAMPLING DATA FIELD LOGS, APRIL 2016

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: G-17

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 85°F Clear No wind

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 7.00 FT. TO 12.00 FT.

HEIGHT OF STICK-UP: 2.40 FT. | BTOC WELL SCREEN INTERVAL: 9.40 FT. TO 14.40 FT.

TOTAL WELL DEPTH (BTOC): Reported 14.40 FT Measured 12.35 FT. | INITIAL WATER LEVEL (BTOC): 5.10 FT. | TIME: 15:10

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: _____ BENEATH OUTER CAP: _____ BENEATH INNER CAP: _____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
15:23	0	27.30	6.54	100	1.40	0.0	3.60	NM	Clear, reddish tint
15:28	350	25.59	6.44	91	1.39	0.0	1.37	NM	
15:33	650	24.32	6.45	89	1.37	0.0	0.91	NM	
15:38	950	23.73	5.41	92	1.38	0.0	0.72	NM	
								9.35	

COMMENTS:

SAMPLE COLLECTION TIME: 15:42

PREPARED BY: SFH + ADC

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	9.9
Final tubing depth (ft.) BTOC	9.9
Initial pump speed	2.1
Time pump speed was initialized	15:12
Pump speed at flow into cylinder	15:13
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Dry ground

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: G-19

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 64° Cloudy Wind SSW 3MPH

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5 FT. TO 10 FT.

HEIGHT OF STICK-UP: 2.77 FT. | BTOC WELL SCREEN INTERVAL: 7.77 FT. TO 12.77 FT.

TOTAL WELL DEPTH (BTOC): Reported 12.77 FT Measured 12.66 FT. | INITIAL WATER LEVEL (BTOC): 6.00 FT. | TIME: 0855

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL #UDRU5DA9~~ 031939

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.)
0904	Ø	18.33	5.86	74	0.056	11.4	1.91	NA	
0909	700	18.44	4.37	75	0.053	13.5	0.72	NA	
0914	1300	18.51	4.44	35	0.056	16.9	0.40	NA	
0919	1800	18.62	4.22	39	0.063	24.3	3.72	NA	
0924	2200	18.88	4.23	36	0.071	34.3	3.82	NA	
0929	2400	18.89	4.50	26	0.080	34.9	2.39	NA	
0934	2600	18.92	4.47	30	0.084	35.7	2.28	NA	
0939	3000	18.95	4.42	32	0.085	31.9	2.09	NA	
0944	3300	19.00	4.40	39	0.087	26.5	1.79	NA	
0949	3700	19.06	4.36	46	0.089	22.7	1.53	NA	
0954	3900	19.13	4.33	52	0.092	22.9	1.21	NA	
								9.04	

COMMENTS:

SAMPLE COLLECTION TIME: 0956

PREPARED BY: Kenneth Reed

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

Length of tubing cut (ft.)	10
Initial tubing depth (ft.) BTOC	10.2
Final tubing depth (ft.) BTOC	10.2
Initial pump speed	low
Time pump speed was initialized	0900
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	0923							
Actual Volume (ml)	2000							

Additional remarks: Pine Env Masterflex Peristaltic Pump
Pine Env Horiba 452
flow rate slowed down about 0918 Couldnt keep a steady flow rate due not much water in well.

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: G-22

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 60°F Overcast Rain

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5 FT. TO 10 FT.

HEIGHT OF STICK-UP: 3.67 FT. | BTOC WELL SCREEN INTERVAL: 8.67 FT. TO 13.67 FT.

TOTAL WELL DEPTH (BTOC): Reported 13.67 FT Measured 9.84 FT. | INITIAL WATER LEVEL (BTOC): 5.95 FT. | TIME: 09:10

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
9:30	0	17.04	5.67	111	1.38	6.7	3.00	NM	
									- No water in tubing
									9:42 DTW = 9.78 ft
									DTB = 10.02 ft
									9:45 DTW = 9.76

COMMENTS: | SAMPLE COLLECTION TIME: 10:07 | PREPARED BY: ADG & SEH

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	8.75
Final tubing depth (ft.) BTOC	9.35
Initial pump speed	1.54
Time pump speed was initialized	14:13
Pump speed at flow into cylinder	1.23
Started new roll of tubing at	

~~DCSH~~ 9:20 gas appears in water in tubing lower tubing to well bottom

9:50 Replaced tubing in well - allowed for recharge

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-2D

DATE: 4/13/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 82°F Clear NO wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 17.50 FT. TO 27.50 FT.

HEIGHT OF STICK-UP: 0.05 FT. | BTOC WELL SCREEN INTERVAL: 17.50 FT. TO 27.50 FT.

TOTAL WELL DEPTH (BTOC): Reported 27.50 FT. Measured 26.67 FT. | INITIAL WATER LEVEL (BTOC): 4.91 FT. | TIME: 17:09

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
17:07	0	25.96	6.77	94	0.161	37.4	1.12	5.46	Yellow tint
17:12	450	22.13	6.04	124	0.172	32.4	0.85	5.73	
17:17	750	22.51	5.92	129	0.173	26.9	0.77	5.73	
17:22	1050	22.50	5.75	139	0.178	28.8	0.73	5.71	
17:28	1400	22.79	6.00	123	0.180	21.4	0.68	5.66	
17:33	1675	23.29	5.97	125	0.179	20.0	0.65	5.64	
17:38	1920	23.36	5.99	123	0.190	18.8	0.63	5.62	
17:44	2300	23.58	6.01	123	0.239	13.0	0.60	5.60	
17:50	2600	23.60	6.01	122	0.285	9.6	0.57	5.60	
17:55	2920	23.60	6.00	120	0.311	8.6	0.56	5.60	
18:00	3150	23.63	5.99	119	0.333	7.9	0.56	5.60	
18:05	3350	23.60	5.98	117	0.351	7.0	0.54	5.60	
18:10	3550	23.70	5.98	115	0.367	SM 8.1	0.52	5.60	
18:15	3900	23.71	5.98	114	0.382	4.4 SM	0.51	5.60	
18:20	4150	23.69	5.97	113	0.393	4.5	0.50	5.60	
18:25	4350	23.67	5.97	111	0.407	4.5	0.49	5.60	

COMMENTS:

SAMPLE COLLECTION TIME: 18:30

PREPARED BY: SHelmly

* 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.)	24.7
Initial tubing depth (ft.) BTOC	21.7
Final tubing depth (ft.) BTOC	21.7
Initial pump speed	2.50
Time pump speed was initialized	17:21
Pump speed at flow into cylinder	2.41
Started new roll of tubing at	

17:13 lowered pump speed to 1.93 to limit drawdown

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	17:39	18:11						
Actual Volume (ml)	2000	2000						

Additional remarks: Sample due to time Constraints — Conductivity at 5%.

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-2S

DATE: 4/13/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 84°F Clear Normal

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 2.85 FT. TO 7.85 FT.

HEIGHT OF STICK-UP: -0.11 FT. | BTOC WELL SCREEN INTERVAL: 2.10 FT. TO 7.10 FT.

TOTAL WELL DEPTH (BTOC): Reported 6.35 FT Measured 7.10 FT. | INITIAL WATER LEVEL (BTOC): 4.00 FT. | TIME: 15:55

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
16:05	0	25.54	6.45	122	0.709	9.0	1.14	4.29	
16:10	520	21.57	6.44	123	0.729	7.8	0.91	4.45	
16:15	1100	21.29	6.41	121	0.847	5.6	0.72	4.61	
16:20	1700	21.07	6.44	116	0.898	2.9	0.67	4.80	
16:25	2250	21.15	6.45	113	0.880	0.9	0.63	4.93	
16:32	2900	21.42	6.46	108	0.986	0.1	0.54	5.17	
16:37	3300	22.09	6.48	106	0.979	0.0	0.63	5.25	
16:42	3620	22.47	6.45	103	0.984	0.1	0.54	5.32	

COMMENTS:

SAMPLE COLLECTION TIME: 16:46

PREPARED BY: ADC + SFH

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	5.5
Final tubing depth (ft.) BTOC	5.5
Initial pump speed	~~3.15~~ SH 2.79
Time pump speed was initialized	15:59
Pump speed at flow into cylinder	2.18
Started new roll of tubing at	

16:25 lowered Pump Speed to 2.53 to allow Stabalization

16:32 lowered Pump Speed to ~~2~~ SH 1.98

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	16:23							
Actual Volume (ml)	2000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-4S

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 82°F Overcast No wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 7 FT. TO 17 FT.

HEIGHT OF STICK-UP: 2.64 FT. | BTOC WELL SCREEN INTERVAL: 9.64 FT. TO 19.64 FT.

TOTAL WELL DEPTH (BTOC): Reported 19.64 FT Measured 18.24 FT. | INITIAL WATER LEVEL (BTOC): 6.24 FT. | TIME: 11:19

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ~ BENEATH OUTER CAP: ~ BENEATH INNER CAP: ~

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
11:42	0	22.76	5.56	110	1.65	86.1	4.73	6.41	Orange tint
11:38	550	21.55	5.49	103	1.73	9.4	1.48	6.41	
11:43	1100	21.43	5.50	97	1.74	0.0	1.03	6.41	
11:48	1700	21.49	5.49	93	1.74	0.0	0.83	6.41	

COMMENTS: | SAMPLE COLLECTION TIME: 11:52

PREPARED BY: ADC + SFH

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	13.2
Final tubing depth (ft.) BTOC	13.2
Initial pump speed	2.05
Time pump speed was initialized	1629
Pump speed at flow into cylinder	3.05
Started new roll of tubing at	

Diverted slugs of Red bacteria away from flow ~ 200 mL

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Recommend new cap.

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-11D

DATE: 4/18/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 82°F Clear light wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

HEIGHT OF STICK-UP: 3.10 FT. | BTOC WELL SCREEN INTERVAL: 13.10 FT. TO 23.10 FT.

TOTAL WELL DEPTH (BTOC): Reported 23.10 FT Measured 21.90 FT. | INITIAL WATER LEVEL (BTOC): 8.64 FT. | TIME: 14:11

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ~ BENEATH OUTER CAP: ~ BENEATH INNER CAP: ~

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
14:21	0	21.47	6.09	198	0.271	14.2	2.49	8.93	Small plug of black Particulate at first pull
14:26	620	20.69	6.14	187	0.293	13.6	1.10	9.18	
14:31	1220	20.58	6.15	181	0.291	8.0	0.85	9.26	
14:36	1800	20.51	6.15	174	0.292	7.6	0.77	9.31	

COMMENTS:

SAMPLE COLLECTION TIME: 14:40

PREPARED BY: ADC & SEH

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	16.4
Final tubing depth (ft.) BTOC	~~3.12~~ 16.4
Initial pump speed	3.12
Time pump speed was initialized	14:14
Pump speed at flow into cylinder	3.12
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: CO_2 does not seal well. Recommend replacement 2" Cap

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-14D

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 80°F overcast, NO wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 26.34 FT. TO 31.34 FT.

HEIGHT OF STICK-UP: 2.83 FT. | BTOC WELL SCREEN INTERVAL: 29.17 FT. TO 34.17 FT.

TOTAL WELL DEPTH (BTOC): Reported 33.83 FT Measured 34.17 FT. | INITIAL WATER LEVEL (BTOC): 6.43 FT. | TIME: 10130

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ____ BENEATH OUTER CAP: ____ BENEATH INNER CAP: ____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
10:40	0	20.83	6.47	80	0.230	158	5.88	6.98	
10:45	400	20.79	6.27	90	0.235	51.8	2.62	7.21	
10:50	900	20.74	6.37	75	0.234	25.6	1.50	7.35	
10:55	1250	20.84	6.38	68	0.234	7.9	1.37	7.37	
11:00	1650	21.01	6.36	61	0.235	4.4	1.02	7.38	

COMMENTS:

SAMPLE COLLECTION TIME: 11:04

PREPARED BY: SMcLaury

* 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.)	35.5
Initial tubing depth (ft.) BTOC	31.7
Final tubing depth (ft.) BTOC	31.7
Initial pump speed	2.55
Time pump speed was initialized	10:32
Pump speed at flow into cylinder	2.45
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: ____

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-15S

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 82°F Clear Windy

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 9.79 FT. TO 19.79 FT.

HEIGHT OF STICK-UP: 2.58 FT. | BTOC WELL SCREEN INTERVAL: 12.37 FT. TO 22.37 FT.

TOTAL WELL DEPTH (BTOC): Reported 15.08 FT Measured 22.37 FT. | INITIAL WATER LEVEL (BTOC): 4.51 FT. | TIME: 1454 14:10

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
14:32	0	23.05	7.12	108	0.358	0.0	2.82	NM	Clear
14:37	350	24.54	7.08	94	0.396	0.0	0.92	NM	
14:42	750	23.70	7.09	95	0.403	0.0	0.85	NM	
14:48	1100	23.40	7.06	77	0.404	0.0	0.74	NM	
								4.71	

COMMENTS:

SAMPLE COLLECTION TIME: Sampling 14:52

PREPARED BY:

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

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

Length of tubing cut (ft.)	2.0
Initial tubing depth (ft.) BTOC	17.4
Final tubing depth (ft.) BTOC	17.4
Initial pump speed	2.03
Time pump speed was initialized	14:22
Pump speed at flow into cylinder	2.03
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Dry Ground, overgrown

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-26

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 72°F clear Normal

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 27.42 FT. TO 37.42 FT.

HEIGHT OF STICK-UP: 2.75 FT. | BTOC WELL SCREEN INTERVAL: 30.17 FT. TO 40.17 FT.

TOTAL WELL DEPTH (BTOC): 40.17 FT. | INITIAL WATER LEVEL (BTOC): 3.21 FT. | TIME: 17:01

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSI: Test America | WATER ANALYZER MODEL: Horiba U-52 | SERIAL #: UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
17:17	0	24.84	7.30	42	0.398	0.0	1.43	NM	
17:22	400	23.46	7.54	23	0.415	0.0	1.11	NM	
17:27	800	21.95	7.52	20	0.419	0.0	0.96	NM	
17:32	1100	21.92	7.61	16	0.418	0.0	0.95	NM	
17:36	—	—	—	—	—	—	—	~~6.72~~ adc 6.72	

COMMENTS:

SAMPLE COLLECTION TIME: 17:36

PREPARED BY: ADC + SFH

* 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.)	38.7
Initial tubing depth (ft.) BTOC	35.2
Final tubing depth (ft.) BTOC	35.2
Initial pump speed	2.02
Time pump speed was initialized	17:10
Pump speed at flow into cylinder	2.01
Started new roll of tubing at	

add extra tubing to all wells in woods to increase ease of sampling

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-29

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 71° F Clear Warm Wind

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.42 FT. TO 20.42 FT.

HEIGHT OF STICK-UP: -0.01 FT. | BTOC WELL SCREEN INTERVAL: 10.42 FT. TO 20.42 FT.

TOTAL WELL DEPTH (BTOC): Reported 20.00 FT Measured 19.76 FT. | INITIAL WATER LEVEL (BTOC): 2.89 FT. | TIME: 17:59

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
18:12	0	23.82	6.10	124	0.626	0.0	1.11	NM	
18:17	400	21.76	5.94	131	0.639	0.0	0.97	NM	
18:22	750	21.47	5.81	131	0.649	0.0	0.88	NM	
18:27	1100	21.39	5.80	130	0.649	0.0	0.73	NM	
								9.02	

COMMENTS:

SAMPLE COLLECTION TIME: ~~SHelley~~ 18:32

PREPARED BY: SHelley SK

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	14.8
Final tubing depth (ft.) BTOC	14.8
Initial pump speed	2.10
Time pump speed was initialized	18:04
Pump speed at flow into cylinder	2.10
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-31

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 76° Cloudy Wind SSE 7 MPH

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 12 FT. TO 22 FT.

HEIGHT OF STICK-UP: 2.42 FT. | BTOC WELL SCREEN INTERVAL: 14.42 FT. TO 24.42 FT.

TOTAL WELL DEPTH (BTOC): Reported 24.42 FT Measured 22.23 FT. | INITIAL WATER LEVEL (BTOC): 6.80 FT. | TIME: 14:53

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # ~~U0RU5DA9~~ 031939

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.)
1500	0	23.60	5.96	77	0.671	53.3	2.62	NA	
1505	600	23.27	5.45	91	0.721	21.7	1.25	NA	
1510	1100	23.14	5.40	97	0.725	16.6	0.87	NA	
1515 ~~1515~~	1500	23.04	5.38	96	0.733	15.3	0.56	NA	
1520	2000	22.97	5.38	96	0.734	15.8	0.30	NA	
1525	2600	23.36	5.38	91	0.751	4.9	0.09	NA	
1530	3000	22.80	5.36	96	0.746	4.0	0.00	NA	PH 5.36
								5.80	

COMMENTS:

SAMPLE COLLECTION TIME: 15:32

PREPARED BY: Kenneth Reed

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	16.7
Final tubing depth (ft.) BTOC	16.7
Initial pump speed	100
Time pump speed was initialized	1456
Pump speed at flow into cylinder	100
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1520							
Actual Volume (ml)	2000							

Additional remarks: Pine Env Rental Master-Flex Peristaltic Pump
Pine Env Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-32

DATE: 4-20-17 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 76 Cloudy Wind WSW 5MPH

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 12 FT. TO 22 FT.

HEIGHT OF STICK-UP: 2.37 FT. | BTOC WELL SCREEN INTERVAL: 14.37 FT. TO 24.37 FT.

TOTAL WELL DEPTH (BTOC): Reported 24.37 FT Measured 22.15 FT. | INITIAL WATER LEVEL (BTOC): 5.50 FT. | TIME: 1313

PURGING DEVICE: ~~Pegacus Alexis Peristaltic Pump~~ [ ] DEDICATED [ ] DISPOSABLE [X] DECONTAMINATED

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

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

PID/FID READINGS (ppm): BACKGROUND: ____ BENEATH OUTER CAP: ____ BENEATH INNER CAP: ____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # ~~UDRU5DA9~~ 031939

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.)
1321	0	25.45	6.15	183	0.395	3.5	2.91	NA	
1326	600	25.31	4.69	246	0.380	3.0	1.59	NA	
1331	1200	24.51	4.57	243	0.376	2.3	0.79	NA	
1336	1800	23.98	4.54	247	0.375	1.8	0.61	NA	
1341	2300	23.36	4.57	248	0.378	1.8	0.46	NA	

COMMENTS:

SAMPLE COLLECTION TIME: 1344

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	17.2
Final tubing depth (ft.) BTOC	17.2
Initial pump speed	low
Time pump speed was initialized	1317
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1338							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Perisataltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION
WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-33

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 93°F Clear No wind

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

HEIGHT OF STICK-UP: 2.38 FT. | BTOC WELL SCREEN INTERVAL: 12.38 FT. TO 22.38 FT.

TOTAL WELL DEPTH (BTOC): Reported 22.38 FT Measured 22.13 FT. | INITIAL WATER LEVEL (BTOC): 4.62 FT. | TIME: 15:55

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
16:09	0	24.22	7.13	55	0.505	0.0	2.06	NM	
16:14	300	24.31	7.14	60	0.502	0.0	0.95	NM	
16:20	620	22.73	7.09	55	0.536	0.0	0.76	NM	
16:25	920	22.30	7.05	52	~~0.552~~	0.0	0.71	NM	S.C. = 0.552
16:30	1200	22.75	7.05	49	0.556	0.0	0.68	NM	
16:35	1450	22.25	7.04	46	0.560	0.0	0.64	NM	
								5.75	

COMMENTS:

SAMPLE COLLECTION TIME: 16:37

PREPARED BY: Stanley

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	17.1
Final tubing depth (ft.) BTOC	17.1
Initial pump speed	2.09
Time pump speed was initialized	15:58
Pump speed at flow into cylinder	2.09
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-35

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 84° Mostly Sunny Wind S 9MPH

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

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 28.02 FT. TO 38.02 FT.

HEIGHT OF STICK-UP: 1.18 FT. | BTOC WELL SCREEN INTERVAL: 29.20 FT. TO 39.20 FT.

TOTAL WELL DEPTH (BTOC): Reported 21.18 FT Measured 39.20 FT. | INITIAL WATER LEVEL (BTOC): ~~4.10~~ 1.10 FT. | TIME: ~~1627~~ 1627

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL #UDRU5DA9~~ 031939

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.)
1634	0	26.33	8.31	72	0.302	12.5	7.44	NA	
1639	1000	25.21	8.56	-76	0.308	15.9	6.19	NA	
1644	1700	24.09	8.64	-109	0.313	18.6	5.52	NA	
1649	2400	24.09	8.68	-117	0.315	12.5	5.26	NA	
1654	3200	24.02	8.69	-124	0.315	7.3	4.89	NA	
1659	3900	23.94	8.67	-128	0.315	7.8	4.55	NA	
1704	4650	23.77	8.73	-133	0.316	5.3	4.21	NA	
1709	5350	23.08	8.70	-134	0.319	4.5	4.25	NA	
1714	6050	23.23	8.72	-135	0.319	3.8	4.25	NA	
1715	—	—	—	—	—	—	—	4.90	

COMMENTS:

SAMPLE COLLECTION TIME: 1716

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	37.2
Initial tubing depth (ft.) BTOC	34.2
Final tubing depth (ft.) BTOC	34.2
Initial pump speed	100
Time pump speed was initialized	1630
Pump speed at flow into cylinder	100
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1646	1701	1714					
Actual Volume (ml)	2000	4000	6000					

Additional remarks: Well screen interval unknown.
Masterflex Peristaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-36

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 83° Mostly Cloudy wind SSW 13 MPH

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [ ] 6 [X] OTHER: 3/4" | BGS WELL SCREEN INTERVAL: 34.85 FT. TO 39.85 FT.

HEIGHT OF STICK-UP: 2.08 FT. | BTOC WELL SCREEN INTERVAL: 36.93 FT. TO 41.93 FT.

TOTAL WELL DEPTH (BTOC): Reported 30.08 FT Measured 41.93 FT. | INITIAL WATER LEVEL (BTOC): 4.77 FT. | TIME: ~~1215~~ 1728

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL #UDRU5DA9~~ 031939

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.)
1837	0	24.34	8.23	42	0.324	16.7	3.74	NA	
1842	700	22.92	8.08	-72	0.336	0.5	5.20	NA	
1747	1300	22.81	7.89	-54	0.330	4.3	4.75	NA	
1753	1800	22.80	7.72	-42	0.324	13.1	4.31	NA	
1758	2300	22.77	7.73	-44	0.321	11.2	2.02	NA	
1803	2800	23.06	7.73	-47	0.323	8.8	2.54	NA	
1808	3200	23.49	7.75	-52	0.321	7.8	0.66	NA	
1813	3600	23.73	7.80	-63	0.323	6.8	1.86	NA	
1818	4000	23.12	7.85	-75	0.322	6.9	0.32	NA	
1823	4400	22.18	7.78	-73	0.343	6.2	0.38	NA	
1828	4800	21.78	7.78	-92	0.345	5.5	0.35	NA	
1833	5200	21.71	7.80	-101	0.346	6.1	0.39	NA	

COMMENTS:

SAMPLE COLLECTION TIME: 1835

PREPARED BY: Kenneth Reed

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

Length of tubing cut (ft.)	42.4
Initial tubing depth (ft.) BTOC	39.4
Final tubing depth (ft.) BTOC	39.4
Initial pump speed	low
Time pump speed was initialized	1735
Pump speed at flow into cylinder	low
Started new roll of tubing at	

1818

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1754	4818						
Actual Volume (ml)	2000	4000						

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env Rental Horiba 452
water overflowed out of well while installing tubing

ENVIRONMENTAL INTERNATIONAL CORPORATION

PAGE 1 OF 1

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-37S

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 69° Cloudy Wind WSW 7 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.41 FT. TO 20.41 FT.

HEIGHT OF STICK-UP: -0.41 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 20.02 FT. | INITIAL WATER LEVEL (BTOC): 5.25 FT. | TIME: 1026

PURGING DEVICE: ~~Regasus Alexis Peristaltic Pump~~ [ ] DEDICATED [ ] DISPOSABLE [X] DECONTAMINATED

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL #UDRU5DA9~~ 031939

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.)
1035	~~0~~	20.80	5.79	-42	0.245	20.3	1.11	5.40	
1040	800	21.25	6.21	-76	0.242	14.4	0.55	5.42	
1045	1450	21.63	6.34	-83	0.240	9.9	0.34	5.42	
1050	2100	21.74	6.43	-86	0.240	6.6	0.13	5.42	
1055	2800	21.79	6.43	-86	0.241	8.7	0.60	5.42	

COMMENTS:

SAMPLE COLLECTION TIME: 1058

PREPARED BY: Kenneth Reed

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	low
Time pump speed was initialized	1030
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1048							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-38D

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 70° Cloudy

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.53 FT. TO 30.53 FT.

HEIGHT OF STICK-UP: -0.53 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 29.86 FT. | INITIAL WATER LEVEL (BTOC): 5.40 FT. | TIME: 1105

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL #: ~~HDRU5DA9~~

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.)
1115	0	22.48	6.40	-24	0.474	12.5	0.72	6.40	
1120	800	22.22	7.11	-23	0.475	6.9	0.11	6.70	
1125	1500	22.23	7.20	-37	0.465	6.2	0.00	7.10	
1130	2200	22.28	7.27	-62	0.453	5.4	0.00	7.35	
1135	2850	22.40	7.27	-82	0.440	3.1	0.00	7.45	
1140	3450	22.45	7.30	-91	0.443	3.1	0.00	7.55	
1145									

COMMENTS:

SAMPLE COLLECTION TIME: 1143

PREPARED BY: Kenneth Reese

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

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	1110
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1128							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-39D

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 83° Mostly Cloudy Wind Calm

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.07 FT. TO 30.07 FT.

HEIGHT OF STICK-UP: -0.07 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured FT. | INITIAL WATER LEVEL (BTOC): 3.23 FT. | TIME: 1512

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL# UDRU5DA9~~ 031939

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.)
1520	0	27.88	7.75	67	0.280	0.0	1.52	3.42	
1525	900	23.96	8.01	32	0.298	0.0	0.73	3.46	
1530	1600	23.07	7.99	18	0.302	0.0	0.48	3.46	
1535	2400	22.06	8.10	-2	0.309	0.0	0.19	3.46	
1540	3200	22.01	8.04	-16	0.309	0.0	0.00	3.46	
1545	3800	21.85	8.00	-26	0.310	0.0	0.00	3.46	
1550	4500	21.94	8.15	-43	0.311	0.0	0.00	3.46	
1555	5200	21.90	8.11	-48	0.310	0.0	0.00	3.51	
1600	6250	21.56	8.19	-56	0.311	0.0	0.00	3.51	

COMMENTS:

SAMPLE COLLECTION TIME: 1603

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	1517
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1532	1546	1558					
Actual Volume (ml)	2000	4000	6000					

Additional remarks: Using the Masterflex Pine Env Rental Peristaltic pump
Pine Env Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-40S

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 83° Mostly Cloudy Wind Calm

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.28 FT. TO 20.28 FT.

HEIGHT OF STICK-UP: -0.28 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 20.12 FT. | INITIAL WATER LEVEL (BTOC): 1.60 FT. | TIME: 1409

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 SERIAL #: ~~UDRU5DA9~~ 031939

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.)
1416	0	29.97	7.89	-107	0.209	0.7	1.75	1.67	
1421	900	25.74	7.50	-118	0.220	0.0	0.67	1.70	
1426	1800	24.84	7.44	-119	0.225	0.0	0.62	1.70	
1431	2500	23.64	7.41	-120	0.230	0.0	2.38	1.70	
1436	3300	24.08	7.37	-121	0.229	0.0	2.03	1.70	
1441	4100	24.62	7.36	-120	~~0.227~~	0.0	1.80	1.69	0.227
1446	4700	23.02	7.35	-122	0.229	0.0	1.75	1.69	
1451	5400	23.10	7.34	-122	0.330	0.0	1.78	1.69	

COMMENTS:

SAMPLE COLLECTION TIME: 1454

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	low
Time pump speed was initialized	1414
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1428	1441						
Actual Volume (ml)	2000	4000						

Additional remarks: Using the Pine Env. Rental Masterflex Peristaltic Using Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-41D

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 75°F Clear Nowind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.04 FT. TO 30.04 FT.

HEIGHT OF STICK-UP: -0.04 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.25 FT. | INITIAL WATER LEVEL (BTOC): 4.15 FT. | TIME: 11:02

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
11:19	0	23.26	6.89	33	0.293	0.0	2.29	4.60	
11:19	700	22.60	7.34	9	0.318	0.0	1.36	4.73	
11:24	1200	22.57	7.54	-1	0.323	0.0	1.03	4.77	
11:29	1700	22.67	7.59	-6	0.324	0.0	0.94	4.77	
11:34	2400	22.71	7.62	-4	0.325	0.0	0.78	4.77	

COMMENTS:

SAMPLE COLLECTION TIME: 11:34

PREPARED BY: Shelma

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	3.03
Time pump speed was initialized	11:04
Pump speed at flow into cylinder	3.03
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	11:31							
Actual Volume (ml)	2000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-42S

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 66° Partly Cloudy Wind NW 3 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.39 FT. TO 20.39 FT.

HEIGHT OF STICK-UP: -0.39 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured FT. | INITIAL WATER LEVEL (BTOC): 4.40 FT. | TIME: 0905

PURGING DEVICE: ~~Pegasus Aloxie Peristaltic Pump~~ ISA [ ] DEDICATED [ ] DISPOSABLE [X] DECONTAMINATED

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL# UDRU5DA9~~ 031939

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.)
0913	0	20.88	11.19	83	0.728	12.1	1.46	5.56	
0918	700	21.75	11.51	-1	0.710	3.3	~~0.205~~	5.90	0.55
0923	2000	22.25	11.12	-27	0.693	1.8	0.30	6.00	
0928	2500	22.65	10.80	-41	0.690	1.8	0.19	6.05	
0933	3200	22.98	1045	-59	0.699	3.6	0.14	6.10	
0938	3800	22.25	10.31	-81	0.705	2.3	0.11	6.15	
0943	4500	23.60	10.17	-121	0.705	1.9	0.08	6.15	
0948	5300	23.99	9.98	-160	0.707	2.1	0.03	6.15	
0953	5900	24.23	10.03	-191	0.702	1.3	0.00	6.15	
0958	6600	24.53	9.79	-245	0.714	1.2	0.00	6.15	
1003	7300	24.74	9.84	-265	0.712	0.9	0.00	6.15	
1008	8000	24.94	9.75	-286	0.722	0.7	0.00	6.15	
1013	8700	25.12	9.61	-302	0.718	0.6	0.00	6.15	
1018	9400	25.43	0.954	-317	0.731	0.0	0.00	6.15	
1023	10,100	25.62	0.945	-315	0.721	0.4	0.00	6.15	
1028	10,800	25.52	0.931	-311	0.735	0.0	0.00	6.15	

COMMENTS:

SAMPLE COLLECTION TIME: 1045

PREPARED BY: Kenneth Dodd

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	100
Time pump speed was initialized	0910
Pump speed at flow into cylinder	100
Started new roll of tubing at	

1008 1022

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	0923	0939	0954	~~1008~~	1026			
Actual Volume (ml)	2000	4000	6000	8000	10,000			

Additional remarks: Using the Pine Env Rental Masterflex Peristaltic Pump
Using Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION
WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-42S

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 66° Partly Cloudy Wind NW 3MPH

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: _____ FT. TO _____ FT.

HEIGHT OF STICK-UP: _____ FT. | BTOC WELL SCREEN INTERVAL: _____ FT. TO _____ FT.

TOTAL WELL DEPTH (BTOC): _____ FT. | INITIAL WATER LEVEL (BTOC): 4.40 FT. | TIME: 0905

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSI: Test America | WATER ANALYZER MODEL: Horiba U-52 03/939 ~~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.)
1033	11,500	26.08	9.13	-292	0.738	0.0	0.00	6.15	
1038	12,200	26.28	9.07	-282	0.731	0.0	0.00	6.15	

COMMENTS:

SAMPLE COLLECTION TIME: 1040

PREPARED BY: Kenneth Roark

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	low
Time pump speed was initialized	0910
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								

Additional remarks: Using Pine Env Rental Masterflex Peristaltic Pump
Using Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-43D

DATE: 4-19-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 75° Mostly Cloudy Wind WNW 3 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.36 FT. TO 30.36 FT.

HEIGHT OF STICK-UP: -0.36 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured FT. | INITIAL WATER LEVEL (BTOC): 4.66 FT. | TIME: 1050

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 ~~SERIAL#UDRU5DA9~~ 031939

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.)
1108	0	~~8.69~~	8.69	96	0.369	6.9	0.50	5.02	Temp 28.93
1113	1100	28.23	8.16	73	0.354	11.1	0.00	5.02	
1118	1800	28.10	8.12	65	0.344	10.8	0.00	5.02	
1123	2400	27.95	8.09	56	0.342	8.2	0.00	5.02	
1128	3100	28.01	8.07	50	0.337	7.4	0.00	5.02	
1133	4100	28.05	8.10	43	0.332	6.3	0.00	5.02	
1138	5000	28.24	8.09	37	0.327	3.9	0.00	5.02	
1143	5700	28.30	8.08	40	0.329	4.0	0.00	5.02	

COMMENTS:

SAMPLE COLLECTION TIME: 1145

PREPARED BY: Kenneth Reed

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	1101
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1119	1132						
Actual Volume (ml)	2000	4000						

Additional remarks: Using Pine Env. Rental Masterflex Peristaltic Pump
Using Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-44D

DATE: 4/18/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 78° Sunny Wind ESE 3 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.26 FT. TO 30.26 FT.

HEIGHT OF STICK-UP: -0.26 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.48 FT. | INITIAL WATER LEVEL (BTOC): 7.15 FT. | TIME: 1725

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

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

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

PID/FID READINGS (ppm): BACKGROUND: 0 BENEATH OUTER CAP: 0 BENEATH INNER CAP: 0

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
1730	0	27.34	5.84	15	0.532	13.9	1.34	7.30	
1735	800	27.87	5.80	-2	0.595	12.2	0.23	7.30	
1740	1600	27.94	5.79	-8	0.598	9.5	0.13	7.30	
1745	2300	27.98	5.81	-13	0.609	7.7	0.00	7.30	
1750	3100	27.95	5.80	-17	0.612	7.4	0.00	7.30	
1755	3800	27.89	5.79	-15	0.610	7.2	0.00	7.30	

COMMENTS:

SAMPLE COLLECTION TIME: 1758

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	1725
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1742							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Perisaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-45S

DATE: 4/18/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 78 Sunny Wind ESE 3MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.38 FT. TO 20.38 FT.

HEIGHT OF STICK-UP: -0.38 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 20.21 FT. | INITIAL WATER LEVEL (BTOC) 6.75 FT. | TIME: 1624

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
1632	0	25.27	6.07	-16	0.720	7.9	1.14	6.97	
1637	1000	25.79	5.48	-33	0.710	6.0	0.71	7.00	
1642	1700	25.99	5.25	-37	0.705	7.3	1.03	6.95	
1647	2400	25.55	5.15	-41	0.690	7.0	0.77	6.95	
1652	3100	27.08	5.15	-42	0.682	5.9	0.61	6.95	
1657	3600	27.28	5.08	-44	0.680	6.2	0.50	6.95	
1702	4400	27.43	5.16	-48	0.677	6.1	0.33	6.95	
1707	5200	27.56	5.09	-47	0.672	6.0	0.26	6.95	
1712	6100	27.89	5.09	-43	0.669	5.7	0.20	6.95	

COMMENTS:

SAMPLE COLLECTION TIME: ~~1609~~ TKR 1714

PREPARED BY: Kenneth Pace

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	100
Time pump speed was initialized	~~1427~~ TKR 1627
Pump speed at flow into cylinder	100
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1644	1702						
Actual Volume (ml)	2000	4000						

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-46S

DATE: 4/13/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 94° F Clear Light wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.27 FT. TO 20.27 FT.

HEIGHT OF STICK-UP: -0.27 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 19.63 FT. | INITIAL WATER LEVEL (BTOC): 5.59 FT. | TIME: 14:49

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
15:04	0	24.09	5.98	161	0.678	44.9	1.40	7.01	
15:09	820	24.00	5.94	162	0.681	1.1	0.91	7.03	
15:14	1100	24.04	5.94	162	0.681	0.3	0.78	7.03	
15:19	1750	24.12	5.94	161	0.680	0.0	0.64	7.03	

COMMENTS:

SAMPLE COLLECTION TIME: 15:23

PREPARED BY: Shelby

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	~~15~~ 15
Final tubing depth (ft.) BTOC	15
Initial pump speed	3.12
Time pump speed was initialized	14:59
Pump speed at flow into cylinder	3.12
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Ant colony in vault

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-47D

DATE: 4-18-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 79° Sunny Wind ENE 9 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.03 FT. TO 30.03 FT.

HEIGHT OF STICK-UP: -0.03 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.13 FT. | INITIAL WATER LEVEL (BTOC): 6.77 FT. | TIME: 1430

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: 0 BENEATH OUTER CAP: 0 BENEATH INNER CAP: 0

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
1444									
~~1444~~	0	21.46	5.30	140	0.252	178	1.23	7.00	
1449	1000	20.95	5.16	105	0.260	69.6	0.52	7.00	
~~1454~~	1700	20.92	5.10	95	0.263	59.1	0.17	7.00	
~~1459~~	2200	21.00	5.13	84	0.266	60.1	0.06	7.00	
1504	2900	20.94	5.10	67	0.269	51.2	0.02	7.00	
1509	3800	20.91	5.09	59	0.271	37.1	0.00	7.00	
1514	4100	20.87	5.09	49	0.273	34.2	0.00	7.00	
1519	4900	20.94	5.09	41	0.275	31.0	0.00	7.00	
1524	5600	21.02	5.10	41	0.276	26.0	0.00	7.00	
1529	6200	21.03	5.12	34	0.276	23.7	0.00	7.00	
1534	6900	20.98	5.14	34	0.277	22.5	0.00	7.00	
1539	7700	20.95	5.17	33	0.278	21.5	0.00	7.00	
1544	8400	20.92	5.20	27	0.280	18.8	0.00	7.00	
1549	9100	20.88	5.22	26	0.280	17.6	0.00	7.00	
~~1554~~	9700	20.92	5.24	25	0.281	17.0	0.00	7.00	
1559	10,400	20.93	5.26	21	0.283	15.6	0.00	7.00	

COMMENTS:

SAMPLE COLLECTION TIME: 1602

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	~~1455~~ 1433
Pump speed at flow into cylinder	low
Started new roll of tubing at	1457

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	~~1457~~	1513	1527	1542	1557			
Actual Volume (ml)	2000	4000	6000	8000	10000			

Additional remarks: Using the Master-flex Peristaltic pump. Can't get an accurate

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-48S

DATE: 4/18/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: Sunny, clear skies 77°

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 9.96 FT. TO 19.96 FT.

HEIGHT OF STICK-UP: 0.04 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 20.05 FT. | INITIAL WATER LEVEL (BTOC): 6.45 FT. | TIME: 13:40

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
1355	0	21.84	4.69	305	0.137	7.4	3.43	6.52	
1400	1000	20.83	4.04	378	0.141	6.8	2.77	6.52	
1405	1900	21.33	4.03	395	0.141	6.8	2.42	6.52	
1410	2500	21.46	4.08	408	0.141	6.7	2.27	6.52	
1415	3100	21.57	4.07	415	0.139	6.9	2.24	6.52	
1420	3700	21.64	4.03	416	0.140	6.6	2.25	6.52	

COMMENTS:

SAMPLE COLLECTION TIME: 1424

PREPARED BY: Amelia Grant

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	low
Time pump speed was initialized	1353
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1406							
Actual Volume (ml)	2000							

Additional remarks: Using the Masterflex Peristaltic Pump Can get a accurate pump speed

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-49D

DATE: 4/21/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 65°F Partly Cloudy Light wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.08 FT. TO 30.08 FT.

HEIGHT OF STICK-UP: -0.08 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.25 FT. | INITIAL WATER LEVEL (BTOC): 5.84 FT. | TIME: 9:36

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
8:45	0	20.68	4.69	246	0.865	57.2	3.08	5.95	
8:50	620	21.26	4.51	234	0.878	36.6	1.97	5.96	
8:55	1200	21.48	4.52	228	0.877	29.0	1.33	5.97	
9:00	1760	21.74	4.54	224	0.874	20.3	1.16	5.97	
9:06	2400	22.01	4.56	220	0.873	15.2	1.00	5.97	
9:11	3000	22.12	4.58	217	0.873	12.9	1.00	5.97	
9:16	3500	22.25	4.60	213	0.873	8.5	0.89	5.97	

COMMENTS:

SAMPLE COLLECTION TIME: ~~9:12~~ 9:20

PREPARED BY: Stplmly

* 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 0.2 mg/L turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	~~2.00~~ 2.93
Time pump speed was initialized	9:40
Pump speed at flow into cylinder	2.93
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	9:02							
Actual Volume (ml)	2060							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-50S

DATE: 4/21/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 50° F Partly Cloudy Norwood

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.12 FT. TO 20.12 FT.

HEIGHT OF STICK-UP: -0.12 FT. | BTOC WELL SCREEN INTERVAL: 10 FT. TO 20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 20.24 FT. | INITIAL WATER LEVEL (BTOC): 6.78 FT. | TIME: 9:31

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ~ BENEATH OUTER CAP: ~ BENEATH INNER CAP: ~

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
9:43	0	22.75	6.13	133	0.625	26.0	3.46	6.45	red bacteria plug
9:48	950	22.88	6.29	114	0.686	10.8	1.51	6.78	
9:54	1500	23.11	6.36	92	0.682	0.6	1.07	6.78	
9:59	1950	23.41	6.39	81	0.673	0.0	1.71	6.81	
10:04	2350	23.58	6.41	73	0.675	0.0	1.51	6.91	

COMMENTS:

SAMPLE COLLECTION TIME: 10:09

PREPARED BY: Stillman

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	15
Final tubing depth (ft.) BTOC	15
Initial pump speed	2.87
Time pump speed was initialized	9:32
Pump speed at flow into cylinder	2.87
Started new roll of tubing at	

9:49 Lower Pump speed to 2.76

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	10:01							
Actual Volume (ml)	2600							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-51D

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS:

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.17 FT. TO 30.17 FT.

HEIGHT OF STICK-UP: -0.17 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.26 FT. | INITIAL WATER LEVEL (BTOC): 5.10 FT. | TIME: 1723

PURGING DEVICE: ~~Regasus Alexis Peristaltic Pump~~ [ ] DEDICATED [ ] DISPOSABLE [X] DECONTAMINATED

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ~~—~~ BENEATH OUTER CAP: ~~—~~ BENEATH INNER CAP: ~~—~~

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL #: ~~U7DRU5DA9~~ 031939

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.)
1732	0	24.81	7.44	49	0.329	7.6	0.53	5.40	
1737	800	24.48	7.54	25	0.331	5.4	0.00	5.50	
1742	1400	24.27	7.52	10	0.327	3.8	0.00	5.50	
1747	2000	23.94	7.54	-5	0.326	2.9	0.00	5.50	

COMMENTS:

SAMPLE COLLECTION TIME: 1750

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	100
Time pump speed was initialized	1728
Pump speed at flow into cylinder	100
Started new roll of tubing at	

TD: 30.25

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1747							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Perisaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

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WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-52D

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 79° Cloudy Wind ESE 8 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.39 FT. TO 30.39 FT.

HEIGHT OF STICK-UP: -0.39 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.07 FT. | INITIAL WATER LEVEL (BTOC): 4603.69 FT. | TIME: 1630

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ____ BENEATH OUTER CAP: ____ BENEATH INNER CAP: ____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # ~~UDRU5DA9~~ 031939

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.)
1644	0	25.62	6.91	-40	0.260	60.1	2.78	3.90	
1649	700	25.92	7.06	-59	0.258	28.0	0.67	4.05	
1654	1500	25.28	7.11	-69	0.267	20.2	0.30	4.10	
1659	2000	24.90	7.20	-76	0.275	19.2	0.16	4.10	
1704	2700	25.57	7.22	-81	0.281	7.6	0.07	4.10	
1709	3200	24.15	7.21	-82	0.284	8.2	0.05	4.10	

COMMENTS:

SAMPLE COLLECTION TIME: 1711

PREPARED BY: Kenneth Reyes

* 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.

TD: 29.90

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	1634
Pump speed at flow into cylinder	low
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Pine Env. Rental MasterFlex Peristaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-53D

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 77° Cloudy Wind SSE 12 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.06 FT. TO 30.06 FT.

HEIGHT OF STICK-UP: -0.06 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.40 FT. | INITIAL WATER LEVEL (BTOC): 2.70 FT. | TIME: 1806

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: _____ BENEATH OUTER CAP: _____ BENEATH INNER CAP: _____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL ~~1UDRU5DA9~~

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.)
1814	0	24.21	7.70	67	0.271	4.5	0.65	3.05	
1819	700	24.12	7.86	-34	0.283	1.4	0.60	3.15	
1824	1450	23.67	7.90	-67	0.284	0.9	0.00	3.15	
1829	2000	23.47	7.89	-76	0.286	0.4	0.00	3.15	

COMMENTS:

SAMPLE COLLECTION TIME: 1831

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	100
Time pump speed was initialized	1812
Pump speed at flow into cylinder	100
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1829							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env. Rental Horiba U52

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-54D

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 78°F Overcast Humid

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.19 FT. TO 30.19 FT.

HEIGHT OF STICK-UP: -0.19 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.42 FT. | INITIAL WATER LEVEL (BTOC): 4.98 FT. | TIME: 17:00

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # UDRU5DA9

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
17:08	0	24.48	6.35	75	0.305	0.0	3.43	5.46	
17:13	600	24.97	6.72	55	0.330	0.0	1.56	5.65	
17:18	1200	23.89	6.54	61	0.329	0.0	1.16	5.77	
17:23	1800	23.42	6.57	56	0.331	0.0	0.98	5.82	
17:28	2250	23.01	7.09	22	0.331	0.0	0.88	5.89	
17:34	3000	22.81	6.88	39	0.334	0.0	0.77	5.81	
17:39	3600	22.67	6.80	36	0.335	0.0	0.73	5.89	
17:45	4400	22.51	6.84	13	0.336	0.0	0.66	5.94	

COMMENTS:

SAMPLE COLLECTION TIME: 17:49

PREPARED BY: Stelmy

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	3.00
Time pump speed was initialized	17:03
Pump speed at flow into cylinder	3.00
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	17:26	17:41						
Actual Volume (ml)	2000	4000						

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-55D

DATE: 4-21-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 64° Mostly Cloudy Wind SE 1 MPH

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.15 FT. TO 30.15 FT.

HEIGHT OF STICK-UP: -0.15 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.48 FT. | INITIAL WATER LEVEL (BTOC): 6.05 FT. | TIME: 0835

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ——— BENEATH OUTER CAP: ——— BENEATH INNER CAP: ———

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL #~~HDRU5DA9~~ 031939

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.)
0844	0	21.08	7.76	-45	0.310	3.3	1.81	6.30	
0849	700	22.04	7.73	-99	0.309	2.7	0.98	6.32	
0854	1450	22.22	7.74	-112	0.308	2.4	0.58	6.35	
0859	2100	22.36	7.77	-121	0.308	1.4	0.39	6.35	

COMMENTS:

SAMPLE COLLECTION TIME: 0902

PREPARED BY: Kenneth Reese

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	low
Time pump speed was initialized	0840
Pump speed at flow into cylinder	low
Started new roll of tubing at	

TD: 30.25

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	0857							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env. Horiba 452

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-56D

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: Overcast 72° F N NW

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 25.32 FT. TO 30.32 FT.

HEIGHT OF STICK-UP: -0.32 FT. | BTOC WELL SCREEN INTERVAL: 25 FT. TO 30 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT. Measured 30.19 FT. | INITIAL WATER LEVEL (BTOC): 4.55 FT. | TIME: 18:00

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
18:11	0	23.70	6.74	47	0.337	0.0	3.02	5.03	
18:16	600	22.62	6.69	43	0.345	0.0	1.47	5.22	
18:21	1200	22.29	6.61	42	0.343	0.0	1.03	5.29	
18:26	1650	22.15	6.54	42	0.350	0.0	0.87	5.32	
18:31	2100	21.91	6.56	23	0.350	0.0	0.82	5.35	

COMMENTS:

SAMPLE COLLECTION TIME: 1837

PREPARED BY: [illegible]

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

Length of tubing cut (ft.)	30.5
Initial tubing depth (ft.) BTOC	27.5
Final tubing depth (ft.) BTOC	27.5
Initial pump speed	297
Time pump speed was initialized	18:05
Pump speed at flow into cylinder	2.52
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	1830							
Actual Volume (ml)	2000							

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAW-3

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 92°F over cast No wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 4.52 FT. TO 9.52 FT.

HEIGHT OF STICK-UP: 1.68 FT. | BTOC WELL SCREEN INTERVAL: 6.20 FT. TO 11.20 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT Measured 11.2 FT. | INITIAL WATER LEVEL (BTOC): 5.41 FT. | TIME: 13:19

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
~~13:44~~ 13:44	0	25.15	5.97	87	0.425	0.0	3.83	5.67	Time = 13:44
13:51	650	22.50	5.90	92	0.432	0.0	1.08	5.78	
13:56	1000	22.09	5.89	78	0.434	0.0	0.92	5.85	
14:01	1400	21.95	5.89	75	0.459	0.0	0.85	5.87	
14:06	1800	21.81	5.89	72	0.477	0.0	0.78	5.92	
14:13	2350	21.81	5.92	68	0.506	0.0	0.74	5.95	
14:18	2950	21.77	5.92	65	0.529	0.0	0.69	5.98	
14:23	3200	21.67	5.93	63	0.551	0.0	0.67	6.00	
14:29	3750	21.62	5.92	61	0.558	0.0	0.63	6.02	
14:34	4100	21.71	5.95	57	0.561	0.0	0.63	6.05	

COMMENTS:

SAMPLE COLLECTION TIME: 14:36

PREPARED BY: SHelm

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	8.7
Final tubing depth (ft.) BTOC	8.7
Initial pump speed	2.60
Time pump speed was initialized	13:23
Pump speed at flow into cylinder	2.51
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	14:08	14:32						
Actual Volume (ml)	2000	2000						

Additional remarks: ~~Well screen interval unknown.~~ Arrived at well

ENVIRONMENTAL INTERNATIONAL CORPORATION

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WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAW-4

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 92°F cloudy low wind

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

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 14.66 FT. TO 24.66 FT.

HEIGHT OF STICK-UP: 1.69 FT. | BTOC WELL SCREEN INTERVAL: 16.35 FT. TO 26.35 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT Measured 26.35 FT. | INITIAL WATER LEVEL (BTOC): 5.78 FT. | TIME: 14:45

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
14:59	0	23.16	5.36	102	0.331	43.1	4.73	6.12	
15:04	400	22.24	5.09	115	0.343	42.1	1.45	6.15	
15:09	800	21.71	5.07	113	0.347	0.0	1.13	6.17	
15:14	1250	21.61	5.06	114	0.348	0.6	0.93	6.17	

COMMENTS: | SAMPLE COLLECTION TIME: 15:18
PREPARED BY: [illegible]

* 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.)	24.4
Initial tubing depth (ft.) BTOC	21.4
Final tubing depth (ft.) BTOC	21.4
Initial pump speed	250
Time pump speed was initialized	14:49
Pump speed at flow into cylinder	
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Well screen interval unknown. Dropped small amount (<100 mL) of red particulate from flow cell [illegible].

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-U2

DATE: 4-20-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 76° Cloudy Wind S 6MPH

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [ ] 6 [X] OTHER: 3/4" | BGS WELL SCREEN INTERVAL: 1.95 FT. TO 6.95 FT.

HEIGHT OF STICK-UP: 1.00 FT. | BTOC WELL SCREEN INTERVAL: 2.95 FT. TO 7.95 FT.

TOTAL WELL DEPTH (BTOC): Reported NA FT Measured 7.95 FT. | INITIAL WATER LEVEL (BTOC): 4.40 FT. | TIME: 1351

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL # ~~U5DRU5DA9~~

TIME	VOLUME PURGED (mL)	TEMP (°C)	pH	ORP (mV)	SPEC. COND. (mS/cm)	TURBIDITY (NTU)	DISS. OXYGEN. (mg/L)	DTW (ft.)	REMARKS (COLOR, ODOR, ETC.)
1400	Ø	21.60	6.09	158	0.636	12.4	3.39	5.55	
1405	800	21.37	6.09	159	0.638	15.4	4.65	6.10	
1410	1000	21.33	5.98	34	0694	45.1	4.68	6.50	
1415	1200	21.20	6.19	10	0.765	94.4	2.45	7.40	
1555	Ø	23.38	6.08	-20	0.804	529	1.53	7.75	

COMMENTS:

SAMPLE COLLECTION TIME: 1558

PREPARED BY: Kenneth Rees

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

Length of tubing cut (ft.)	20
Initial tubing depth (ft.) BTOC	6
Final tubing depth (ft.) BTOC	7
Initial pump speed	100
Time pump speed was initialized	1359
Pump speed at flow into cylinder	100
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env. Rental Horiba U52
Flow Rate stopped at 1412 DTW 6.80. Lower tubing flow rate started back pumping. Flow rate stopped again at 1417 DTW 7.40. Stop pump to let well recharge Started pump back up at 1550. Flow rate started to stop and start collected Sample

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: RW-1

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 60°F clear NO w/m

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 20.02 FT. TO 30.02 FT.

HEIGHT OF STICK-UP: 0.48 FT. | BTOC WELL SCREEN INTERVAL: 20.50 FT. TO 30.50 FT.

TOTAL WELL DEPTH (BTOC): Reported 30.50 FT Measured 28.25 FT. | INITIAL WATER LEVEL (BTOC): 4.38 FT. | TIME: 9:05

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
9:13	0	17.99	6.64	155	0.687	11.2	1.72	5.05	
9:20	800	18.54	6.13	164	0.697	12.8	1.15	5.15	
9:25	1250	18.72	6.08	162	0.699	5.7	0.97	5.21	
9:30	1800	18.86	6.07	159	0.699	1.4	0.85	5.26	

COMMENTS:

SAMPLE COLLECTION TIME: 9:34

PREPARED BY: Shelmy

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

Length of tubing cut (ft.)	26.3
Initial tubing depth (ft.) BTOC	23.3
Final tubing depth (ft.) BTOC	23.3
Initial pump speed	3.0
Time pump speed was initialized	9:09
Pump speed at flow into cylinder	3.0
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: RW-4

DATE: 4/19/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 68°F Clear Warm

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [X] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 20 FT. TO 30 FT.

HEIGHT OF STICK-UP: 2.05 FT. | BTOC WELL SCREEN INTERVAL: 22.80 FT. TO 32.80 FT.

TOTAL WELL DEPTH (BTOC): Reported 30.00 FT Measured 22.69 FT. | INITIAL WATER LEVEL (BTOC): 6.68 FT. | TIME: 9:59

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ⌒ BENEATH OUTER CAP: ⌒ BENEATH INNER CAP: ⌒

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
10:09	0	19.43	6.57	121	0.955	18.2	1.29	6.75	Dark Particulate
10:14	500	19.61	6.58	111	0.967	3.7	0.90	5.94	Grey Turb
10:19	1050	19.68	6.58	87	0.971	0.0	0.76	6.89	
10:24	1600	19.73	6.58	71	0.974	0.0	0.67	6.94	

COMMENTS:

SAMPLE COLLECTION TIME: 10:28

PREPARED BY: Shelby

* 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.)	24
Initial tubing depth (ft.) BTOC	21
Final tubing depth (ft.) BTOC	21
Initial pump speed	3.09
Time pump speed was initialized	10:05
Pump speed at flow into cylinder	3.09
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks:

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: RW-8

DATE: 4-21-16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 66° Mostly Cloudy Wind SE 4 MPH

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 19.97 FT. TO 29.97 FT.

HEIGHT OF STICK-UP: 0.03 FT. | BTOC WELL SCREEN INTERVAL: ~~5.4 20.00~~ FT. TO 30.00 FT. 10-30 ft

TOTAL WELL DEPTH (BTOC): Reported 35.00 FT Measured FT. | INITIAL WATER LEVEL (BTOC): 2.60 FT. | TIME: 0915

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: ____ BENEATH OUTER CAP: ____ BENEATH INNER CAP: ____

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL MODEL: Horiba U-52 | SERIAL #: ~~UDRU5DA9~~ 031939

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.)
0927	0	21.06	7.86	-31	0.302	3.4	0.74	2.85	
0932	1000	20.96	7.94	-87	0.302	15.1	0.42	2.85	
0937	1600	20.99	7.97	-104	0.302	4.1	0.30	2.85	
0942	2350	21.01	7.98	-112	0.303	2.1	0.16	2.85	

COMMENTS:

SAMPLE COLLECTION TIME: 0945

PREPARED BY: Kenneth Robb + S. Helmly

* 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.)	23
Initial tubing depth (ft.) BTOC	28
Final tubing depth (ft.) BTOC	28
Initial pump speed	100
Time pump speed was initialized	0924
Pump speed at flow into cylinder	100
Started new roll of tubing at	

TD: 35.80

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket	0939							
Actual Volume (ml)	2000							

Additional remarks: Pine Env. Rental Masterflex Peristaltic Pump
Pine Env

ENVIRONMENTAL INTERNATIONAL CORPORATION

WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: RW-9

DATE: 4/20/16 | PROJECT NAME: McKenzie Tank Lines | PROJECT NO: 460009

WEATHER CONDITIONS: 84°F Cloudy light wind

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

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 19.71 FT. TO 29.71 FT.

HEIGHT OF STICK-UP: 0.29 FT. | BTOC WELL SCREEN INTERVAL: 10.00 FT. TO 30.00 FT.

TOTAL WELL DEPTH (BTOC): Reported 35.00 FT Measured FT. | INITIAL WATER LEVEL (BTOC): 5.69 FT. | TIME: 15:30

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

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

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

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

PID/FID READINGS (ppm): BACKGROUND: — BENEATH OUTER CAP: — BENEATH INNER CAP: —

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

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Test America | FLOW THROUGH CELL 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.)
15:39	0	25.84	5.80	86	0.686	0.0	3.10	5.77	clear, orange particulate
15:44	600	24.62	5.85	78	0.704	0.0	1.12	5.79	
15:49	1200	24.29	5.86	73	0.706	0.0	0.84	5.79	
15:54	1800	24.19	5.86	71	0.704	0.0	0.72	5.79	

COMMENTS:

SAMPLE COLLECTION TIME: 15:59

PREPARED BY: S Helmly

* 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.)	23
Initial tubing depth (ft.) BTOC	20
Final tubing depth (ft.) BTOC	20
Initial pump speed	300
Time pump speed was initialized	15:35
Pump speed at flow into cylinder	306
Started new roll of tubing at	

	Time	Time	Time	Time	Time	Time	Time	Time
2,000 mL volume poured into bucket								
Actual Volume (ml)								

Additional remarks: Small (~0.5cm) plug of red bacteria in first pull. Clear after with plug of orange bacteria

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT 3-2 LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES, APRIL 2016

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: 680-124371-1
Client Project/Site: MTL/460009

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

Attn: Amelia Grant

Authorized for release by:
5/5/2016 12:22:30 PM

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

Sample Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-124371-1	G-17	Water	04/19/16 15:42	04/21/16 11:47
680-124371-2	G-19	Water	04/20/16 09:56	04/21/16 11:47
680-124371-3	MW-2S	Water	04/18/16 16:46	04/21/16 11:47
680-124371-4	MW-2D	Water	04/18/16 18:30	04/21/16 11:47
680-124371-5	MW-4S	Water	04/20/16 11:52	04/21/16 11:47
680-124371-6	MW-11D	Water	04/18/16 14:40	04/21/16 11:47
680-124371-7	MW-14D	Water	04/20/16 11:04	04/21/16 11:47
680-124371-8	MW-15S	Water	04/19/16 14:52	04/21/16 11:47
680-124371-9	MW-26	Water	04/19/16 17:36	04/21/16 11:47
680-124371-10	MW-29	Water	04/19/16 18:32	04/21/16 11:47
680-124371-11	MW-31	Water	04/20/16 15:32	04/21/16 11:47
680-124371-12	MW-32	Water	04/20/16 13:44	04/21/16 11:47
680-124371-13	MW-33	Water	04/19/16 16:39	04/21/16 11:47
680-124371-14	MW-35	Water	04/19/16 17:16	04/21/16 11:47
680-124371-15	MW-36	Water	04/19/16 18:35	04/21/16 11:47
680-124371-16	MW-37S	Water	04/20/16 10:58	04/21/16 11:47
680-124371-17	MW-38D	Water	04/20/16 11:43	04/21/16 11:47
680-124371-18	MW-39D	Water	04/19/16 16:03	04/21/16 11:47
680-124371-19	MW-40S	Water	04/19/16 14:54	04/21/16 11:47
680-124371-20	MW-41D	Water	04/19/16 11:39	04/21/16 11:47
680-124371-21	MW-42S	Water	04/19/16 10:40	04/21/16 11:47
680-124371-22	MW-43D	Water	04/19/16 11:45	04/21/16 11:47
680-124371-23	MW-44D	Water	04/18/16 17:58	04/21/16 11:47
680-124371-24	MW-45S	Water	04/18/16 17:14	04/21/16 11:47
680-124371-25	MW-46S	Water	04/18/16 15:23	04/21/16 11:47
680-124371-26	MW-47D	Water	04/18/16 16:02	04/21/16 11:47
680-124371-27	MW-48S	Water	04/18/16 14:24	04/21/16 11:47
680-124371-28	MW-49D	Water	04/21/16 09:20	04/21/16 11:47
680-124371-29	MW-50S	Water	04/21/16 10:09	04/21/16 11:47
680-124371-30	MW-51D	Water	04/20/16 17:50	04/21/16 11:47
680-124371-31	MW-52D	Water	04/20/16 17:11	04/21/16 11:47
680-124371-32	MW-53D	Water	04/20/16 18:31	04/21/16 11:47
680-124371-33	MW-54D	Water	04/20/16 17:49	04/21/16 11:47
680-124371-34	MW-55D	Water	04/21/16 09:02	04/21/16 11:47
680-124371-35	MW-56D	Water	04/20/16 18:37	04/21/16 11:47
680-124371-36	PAW-3	Water	04/20/16 14:36	04/21/16 11:47
680-124371-37	PAW-4	Water	04/20/16 15:18	04/21/16 11:47
680-124371-38	RW-1	Water	04/19/16 09:34	04/21/16 11:47
680-124371-39	RW-4	Water	04/19/16 10:28	04/21/16 11:47
680-124371-40	RW-8	Water	04/21/16 09:45	04/21/16 11:47
680-124371-41	RW-9	Water	04/20/16 15:59	04/21/16 11:47
680-124371-42	MW-U2	Water	04/20/16 15:58	04/21/16 11:47
680-124371-43	G-22	Water	04/20/16 10:07	04/21/16 11:47
680-124371-45	Trip Blank	Water	04/18/16 12:00	04/21/16 11:47

Method Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	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

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Qualifiers

GC/MS 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.
*	LCS or LCSD is outside acceptance limits.

Glossary

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

Job ID: 680-124371-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Environmental International Corporation

Project: MTL/460009

Report Number: 680-124371-1

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 04/21/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples G-17 (680-124371-1), G-19 (680-124371-2), MW-2S (680-124371-3), MW-2D (680-124371-4), MW-4S (680-124371-5), MW-11D (680-124371-6), MW-14D (680-124371-7), MW-15S (680-124371-8), MW-26 (680-124371-9), MW-29 (680-124371-10), MW-31 (680-124371-11), MW-32 (680-124371-12), MW-33 (680-124371-13), MW-35 (680-124371-14), MW-36 (680-124371-15), MW-37S (680-124371-16), MW-38D (680-124371-17), MW-39D (680-124371-18), MW-40S (680-124371-19), MW-41D (680-124371-20), MW-42S (680-124371-21), MW-43D (680-124371-22), MW-44D (680-124371-23), MW-45S (680-124371-24), MW-46S (680-124371-25), MW-47D (680-124371-26), MW-48S (680-124371-27), MW-49D (680-124371-28), MW-50S (680-124371-29), MW-51D (680-124371-30), MW-52D (680-124371-31), MW-53D (680-124371-32), MW-54D (680-124371-33), MW-55D (680-124371-34), MW-56D (680-124371-35), PAW-3 (680-124371-36), PAW-4 (680-124371-37), RW-1 (680-124371-38), RW-4 (680-124371-39), RW-8 (680-124371-40), RW-9 (680-124371-41), MW-U2 (680-124371-42), G-22 (680-124371-43) and Trip Blank (680-124371-45) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/28/2016, 04/29/2016, 04/30/2016, 05/02/2016, 05/03/2016 and 05/04/2016.

Chloromethane was detected in method blank MB 680-431426/10 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Tetrachloroethene failed the recovery criteria high for LCS 680-431433/4. Tetrachloroethene failed the recovery criteria high for LCS 680-431584/4. Tetrachloroethene failed the recovery criteria high for LCSD 680-431433/5. Tetrachloroethene failed the recovery criteria high for LCSD 680-431584/5. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

Samples MW-2D (680-124371-4)[50X], MW-4S (680-124371-5)[20X], MW-4S (680-124371-5)[50X], MW-40S (680-124371-19)[50X], MW-49D (680-124371-28)[10X], MW-49D (680-124371-28)[20X] and MW-50S (680-124371-29)[10X] 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.

Detection Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: G-17 — Lab Sample ID: 680-124371-1

No Detections.

Client Sample ID: G-19 — Lab Sample ID: 680-124371-2

No Detections.

Client Sample ID: MW-2S — Lab Sample ID: 680-124371-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-2D — Lab Sample ID: 680-124371-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	310		50	25	ug/L	50		8260B	Total/NA
1,1-Dichloroethene	53		50	18	ug/L	50		8260B	Total/NA
trans-1,2-Dichloroethene	26	J	50	19	ug/L	50		8260B	Total/NA
1,1-Dichloroethane	23	J	50	19	ug/L	50		8260B	Total/NA
cis-1,2-Dichloroethene	3200		50	21	ug/L	50		8260B	Total/NA
Chloroform	68		50	25	ug/L	50		8260B	Total/NA
1,1,1-Trichloroethane	46	J	50	19	ug/L	50		8260B	Total/NA
Trichloroethene	610		50	24	ug/L	50		8260B	Total/NA
Tetrachloroethene	110		50	37	ug/L	50		8260B	Total/NA

Client Sample ID: MW-4S — Lab Sample ID: 680-124371-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	140		20	10	ug/L	20		8260B	Total/NA
1,1-Dichloroethene	22		20	7.2	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	45		20	7.4	ug/L	20		8260B	Total/NA
Chloroform	35		20	10	ug/L	20		8260B	Total/NA
Trichloroethene	11	J	20	9.6	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene - DL	6100		50	21	ug/L	50		8260B	Total/NA

Client Sample ID: MW-11D — Lab Sample ID: 680-124371-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.73	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-14D — Lab Sample ID: 680-124371-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.8		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-15S — Lab Sample ID: 680-124371-8

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-26 — Lab Sample ID: 680-124371-9

No Detections.

Client Sample ID: MW-29 — Lab Sample ID: 680-124371-10

No Detections.

Client Sample ID: MW-31 — Lab Sample ID: 680-124371-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.46	J	1.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	38		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-32 — Lab Sample ID: 680-124371-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.92	J	1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	90		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	20		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	31		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-33 — Lab Sample ID: 680-124371-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	36		1.0	0.50	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.63	J	1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	88		1.0	0.41	ug/L	1		8260B	Total/NA
Toluene	1.0		1.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: MW-35 — Lab Sample ID: 680-124371-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.58	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-36 — Lab Sample ID: 680-124371-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.78	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-37S — Lab Sample ID: 680-124371-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.88	J	1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-38D — Lab Sample ID: 680-124371-17

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Savannah

Detection Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-39D — Lab Sample ID: 680-124371-18

No Detections.

Client Sample ID: MW-40S — Lab Sample ID: 680-124371-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1900		50	21	ug/L	50		8260B	Total/NA

Client Sample ID: MW-41D — Lab Sample ID: 680-124371-20

No Detections.

Client Sample ID: MW-42S — Lab Sample ID: 680-124371-21

No Detections.

Client Sample ID: MW-43D — Lab Sample ID: 680-124371-22

No Detections.

Client Sample ID: MW-44D — Lab Sample ID: 680-124371-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.74	J	1.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	9.1		1.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: MW-45S — Lab Sample ID: 680-124371-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.8		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-46S — Lab Sample ID: 680-124371-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	19		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.7		1.0	0.41	ug/L	1		8260B	Total/NA
Cyclohexane	0.55	J	1.0	0.39	ug/L	1		8260B	Total/NA

Client Sample ID: MW-47D — Lab Sample ID: 680-124371-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	1.3		1.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	36		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	20		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	19		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-48S — Lab Sample ID: 680-124371-27

No Detections.

Client Sample ID: MW-49D — Lab Sample ID: 680-124371-28

This Detection Summary does not include radiochemical test results.

TestAmerica Savannah

Client Sample ID: MW-49D (Continued) — Lab Sample ID: 680-124371-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	120		10	5.0	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	6.2	J	10	3.6	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	61		10	3.7	ug/L	10		8260B	Total/NA
Trichloroethene	560		10	4.8	ug/L	10		8260B	Total/NA
Tetrachloroethene	66	*	10	7.4	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene - DL	3100		20	8.2	ug/L	20		8260B	Total/NA

Client Sample ID: MW-50S — Lab Sample ID: 680-124371-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	5.0	J	10	4.0	ug/L	10		8260B	Total/NA
Vinyl chloride	60		10	5.0	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	600		10	4.1	ug/L	10		8260B	Total/NA
Chloroform	8.6	J	10	5.0	ug/L	10		8260B	Total/NA

Client Sample ID: MW-51D — Lab Sample ID: 680-124371-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	18		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	19		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-52D — Lab Sample ID: 680-124371-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1		1.0	0.40	ug/L	1		8260B	Total/NA
Carbon disulfide	5.7		2.0	1.0	ug/L	1		8260B	Total/NA

Client Sample ID: MW-53D — Lab Sample ID: 680-124371-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.68	J	1.0	0.40	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-54D — Lab Sample ID: 680-124371-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.72	J	1.0	0.40	ug/L	1		8260B	Total/NA
Vinyl chloride	17		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	8.7		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-55D — Lab Sample ID: 680-124371-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	7.2		1.0	0.50	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.75	J	1.0	0.36	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	120		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-56D — Lab Sample ID: 680-124371-35

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-56D (Continued) — Lab Sample ID: 680-124371-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	4.3		2.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.64	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: PAW-3 — Lab Sample ID: 680-124371-36

No Detections.

Client Sample ID: PAW-4 — Lab Sample ID: 680-124371-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	4.4		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	35		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	26		1.0	0.48	ug/L	1		8260B	Total/NA
Tetrachloroethene	74		1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: RW-1 — Lab Sample ID: 680-124371-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	2.5		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	8.3		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: RW-4 — Lab Sample ID: 680-124371-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: RW-8 — Lab Sample ID: 680-124371-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: RW-9 — Lab Sample ID: 680-124371-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	76		1.0	0.50	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.4		1.0	0.36	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.56	J	1.0	0.37	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	160		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-U2 — Lab Sample ID: 680-124371-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.9	J	10	7.0	ug/L	1		8260B	Total/NA
Carbon disulfide	1.5	J	2.0	1.0	ug/L	1		8260B	Total/NA
Toluene	1.6		1.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: G-22 — Lab Sample ID: 680-124371-43

This Detection Summary does not include radiochemical test results.

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: G-22 (Continued)

Lab Sample ID: 680-124371-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.3	J	10	7.0	ug/L	1		8260B	Total/NA
Toluene	1.7		1.0	0.48	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 680-124371-45

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: G-17
Date Collected: 04/19/16 15:42
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 01:01	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 01:01	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 01:01	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 01:01	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 01:01	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 01:01	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 01:01	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 01:01	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 01:01	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 01:01	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 01:01	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 01:01	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 01:01	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 01:01	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 01:01	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 01:01	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 01:01	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 01:01	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 01:01	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 01:01	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 01:01	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 01:01	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 01:01	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 01:01	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 01:01	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 01:01	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 01:01	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 01:01	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 01:01	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 01:01	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 01:01	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 01:01	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 01:01	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 01:01	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 01:01	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 01:01	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 01:01	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 01:01	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 01:01	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 01:01	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 01:01	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 01:01	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 01:01	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 01:01	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 01:01	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 01:01	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 01:01	1

Client Sample ID: G-17

Lab Sample ID: 680-124371-1

Date Collected: 04/19/16 15:42

Matrix: Water

Date Received: 04/21/16 11:47

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/29/16 01:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*04/29/16 01:01*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 01:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/29/16 01:01*	*1*

Client Sample ID: G-19

Lab Sample ID: 680-124371-2

Date Collected: 04/20/16 09:56

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 01:23	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 01:23	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 01:23	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 01:23	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 01:23	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 01:23	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 01:23	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 01:23	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 01:23	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 01:23	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 01:23	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 01:23	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 01:23	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 01:23	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 01:23	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 01:23	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 01:23	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 01:23	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 01:23	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 01:23	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 01:23	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 01:23	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 01:23	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 01:23	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 01:23	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 01:23	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 01:23	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 01:23	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 01:23	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 01:23	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 01:23	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 01:23	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 01:23	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 01:23	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 01:23	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 01:23	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 01:23	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 01:23	1

Client Sample ID: G-19
Date Collected: 04/20/16 09:56
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 01:23	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 01:23	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 01:23	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 01:23	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 01:23	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 01:23	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 01:23	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 01:23	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 01:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*04/29/16 01:23*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 01:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/29/16 01:23*	*1*

Client Sample ID: MW-2S
Date Collected: 04/18/16 16:46
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 13:07	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 13:07	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 13:07	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 13:07	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 13:07	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 13:07	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 13:07	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 13:07	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 13:07	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 13:07	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 13:07	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 13:07	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 13:07	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 13:07	1
cis-1,2-Dichloroethene	**8.1**		1.0	0.41	ug/L			04/29/16 13:07	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 13:07	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 13:07	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 13:07	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 13:07	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 13:07	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 13:07	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 13:07	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 13:07	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 13:07	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 13:07	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 13:07	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 13:07	1

Client Sample ID: MW-2S
Date Collected: 04/18/16 16:46
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 13:07	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 13:07	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 13:07	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 13:07	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 13:07	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 13:07	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 13:07	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 13:07	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 13:07	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 13:07	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 13:07	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 13:07	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 13:07	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 13:07	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 13:07	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 13:07	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 13:07	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 13:07	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 13:07	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/29/16 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/29/16 13:07*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*04/29/16 13:07*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/29/16 13:07*	*1*

Client Sample ID: MW-2D
Date Collected: 04/18/16 18:30
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<30		50	30	ug/L			04/28/16 14:25	50
Chloromethane	<20		50	20	ug/L			04/28/16 14:25	50
Vinyl chloride	**310**		50	25	ug/L			04/28/16 14:25	50
Bromomethane	<130		250	130	ug/L			04/28/16 14:25	50
Chloroethane	<130		250	130	ug/L			04/28/16 14:25	50
Trichlorofluoromethane	<21		50	21	ug/L			04/28/16 14:25	50
1,1-Dichloroethene	**53**		50	18	ug/L			04/28/16 14:25	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<18		50	18	ug/L			04/28/16 14:25	50
Acetone	<350		500	350	ug/L			04/28/16 14:25	50
Carbon disulfide	<50		100	50	ug/L			04/28/16 14:25	50
Methyl acetate	<90		250	90	ug/L			04/28/16 14:25	50
Methylene Chloride	<130		250	130	ug/L			04/28/16 14:25	50
trans-1,2-Dichloroethene	**26**	**J**	50	19	ug/L			04/28/16 14:25	50
Methyl tert-butyl ether	<15		500	15	ug/L			04/28/16 14:25	50
1,1-Dichloroethane	**23**	**J**	50	19	ug/L			04/28/16 14:25	50
cis-1,2-Dichloroethene	**3200**		50	21	ug/L			04/28/16 14:25	50
2-Butanone	<170		500	170	ug/L			04/28/16 14:25	50

Client Sample ID: MW-2D
Date Collected: 04/18/16 18:30
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**68**		50	25	ug/L			04/28/16 14:25	50
1,1,1-Trichloroethane	**46**	**J**	50	19	ug/L			04/28/16 14:25	50
Cyclohexane	<20		50	20	ug/L			04/28/16 14:25	50
Carbon tetrachloride	<17		50	17	ug/L			04/28/16 14:25	50
Benzene	<22		50	22	ug/L			04/28/16 14:25	50
1,2-Dichloroethane	<25		50	25	ug/L			04/28/16 14:25	50
Trichloroethene	**610**		50	24	ug/L			04/28/16 14:25	50
Methylcyclohexane	<22		50	22	ug/L			04/28/16 14:25	50
1,2-Dichloropropane	<34		50	34	ug/L			04/28/16 14:25	50
Bromodichloromethane	<22		50	22	ug/L			04/28/16 14:25	50
cis-1,3-Dichloropropene	<20		50	20	ug/L			04/28/16 14:25	50
4-Methyl-2-pentanone	<110		500	110	ug/L			04/28/16 14:25	50
Toluene	<24		50	24	ug/L			04/28/16 14:25	50
trans-1,3-Dichloropropene	<21		50	21	ug/L			04/28/16 14:25	50
1,1,2-Trichloroethane	<17		50	17	ug/L			04/28/16 14:25	50
Tetrachloroethene	**110**		50	37	ug/L			04/28/16 14:25	50
2-Hexanone	<100		500	100	ug/L			04/28/16 14:25	50
Dibromochloromethane	<16		50	16	ug/L			04/28/16 14:25	50
1,2-Dibromoethane	<22		50	22	ug/L			04/28/16 14:25	50
Chlorobenzene	<13		50	13	ug/L			04/28/16 14:25	50
Ethylbenzene	<17		50	17	ug/L			04/28/16 14:25	50
Xylenes, Total	<12		50	12	ug/L			04/28/16 14:25	50
Styrene	<14		50	14	ug/L			04/28/16 14:25	50
Bromoform	<22		50	22	ug/L			04/28/16 14:25	50
Isopropylbenzene	<18		50	18	ug/L			04/28/16 14:25	50
1,1,2,2-Tetrachloroethane	<31		50	31	ug/L			04/28/16 14:25	50
1,3-Dichlorobenzene	<22		50	22	ug/L			04/28/16 14:25	50
1,4-Dichlorobenzene	<23		50	23	ug/L			04/28/16 14:25	50
1,2-Dichlorobenzene	<19		50	19	ug/L			04/28/16 14:25	50
1,2-Dibromo-3-Chloropropane	<55		250	55	ug/L			04/28/16 14:25	50
1,2,4-Trichlorobenzene	<130		250	130	ug/L			04/28/16 14:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/28/16 14:25*	*50*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*04/28/16 14:25*	*50*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*04/28/16 14:25*	*50*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*04/28/16 14:25*	*50*

Client Sample ID: MW-4S
Date Collected: 04/20/16 11:52
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<12		20	12	ug/L			04/29/16 05:38	20
Chloromethane	<8.0		20	8.0	ug/L			04/29/16 05:38	20
Vinyl chloride	**140**		20	10	ug/L			04/29/16 05:38	20
Bromomethane	<50		100	50	ug/L			04/29/16 05:38	20
Chloroethane	<50		100	50	ug/L			04/29/16 05:38	20
Trichlorofluoromethane	<8.4		20	8.4	ug/L			04/29/16 05:38	20

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-4S
Date Collected: 04/20/16 11:52
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**22**		20	7.2	ug/L			04/29/16 05:38	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<7.2		20	7.2	ug/L			04/29/16 05:38	20
Acetone	<140		200	140	ug/L			04/29/16 05:38	20
Carbon disulfide	<20		40	20	ug/L			04/29/16 05:38	20
Methyl acetate	<36		100	36	ug/L			04/29/16 05:38	20
Methylene Chloride	<50		100	50	ug/L			04/29/16 05:38	20
trans-1,2-Dichloroethene	**45**		20	7.4	ug/L			04/29/16 05:38	20
Methyl tert-butyl ether	<6.0		200	6.0	ug/L			04/29/16 05:38	20
1,1-Dichloroethane	<7.6		20	7.6	ug/L			04/29/16 05:38	20
2-Butanone	<68		200	68	ug/L			04/29/16 05:38	20
Chloroform	**35**		20	10	ug/L			04/29/16 05:38	20
1,1,1-Trichloroethane	<7.4		20	7.4	ug/L			04/29/16 05:38	20
Cyclohexane	<7.8		20	7.8	ug/L			04/29/16 05:38	20
Carbon tetrachloride	<6.6		20	6.6	ug/L			04/29/16 05:38	20
Benzene	<8.6		20	8.6	ug/L			04/29/16 05:38	20
1,2-Dichloroethane	<10		20	10	ug/L			04/29/16 05:38	20
Trichloroethene	**11**	**J**	20	9.6	ug/L			04/29/16 05:38	20
Methylcyclohexane	<8.6		20	8.6	ug/L			04/29/16 05:38	20
1,2-Dichloropropane	<13		20	13	ug/L			04/29/16 05:38	20
Bromodichloromethane	<8.8		20	8.8	ug/L			04/29/16 05:38	20
cis-1,3-Dichloropropene	<8.0		20	8.0	ug/L			04/29/16 05:38	20
4-Methyl-2-pentanone	<42		200	42	ug/L			04/29/16 05:38	20
Toluene	<9.6		20	9.6	ug/L			04/29/16 05:38	20
trans-1,3-Dichloropropene	<8.4		20	8.4	ug/L			04/29/16 05:38	20
1,1,2-Trichloroethane	<6.6		20	6.6	ug/L			04/29/16 05:38	20
Tetrachloroethene	<15		20	15	ug/L			04/29/16 05:38	20
2-Hexanone	<40		200	40	ug/L			04/29/16 05:38	20
Dibromochloromethane	<6.4		20	6.4	ug/L			04/29/16 05:38	20
1,2-Dibromoethane	<8.8		20	8.8	ug/L			04/29/16 05:38	20
Chlorobenzene	<5.2		20	5.2	ug/L			04/29/16 05:38	20
Ethylbenzene	<6.6		20	6.6	ug/L			04/29/16 05:38	20
Xylenes, Total	<4.6		20	4.6	ug/L			04/29/16 05:38	20
Styrene	<5.4		20	5.4	ug/L			04/29/16 05:38	20
Bromoform	<8.6		20	8.6	ug/L			04/29/16 05:38	20
Isopropylbenzene	<7.0		20	7.0	ug/L			04/29/16 05:38	20
1,1,2,2-Tetrachloroethane	<12		20	12	ug/L			04/29/16 05:38	20
1,3-Dichlorobenzene	<8.6		20	8.6	ug/L			04/29/16 05:38	20
1,4-Dichlorobenzene	<9.2		20	9.2	ug/L			04/29/16 05:38	20
1,2-Dichlorobenzene	<7.4		20	7.4	ug/L			04/29/16 05:38	20
1,2-Dibromo-3-Chloropropane	<22		100	22	ug/L			04/29/16 05:38	20
1,2,4-Trichlorobenzene	<50		100	50	ug/L			04/29/16 05:38	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/29/16 05:38*	*20*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*04/29/16 05:38*	*20*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*04/29/16 05:38*	*20*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/29/16 05:38*	*20*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-4S

Lab Sample ID: 680-124371-5

Date Collected: 04/20/16 11:52

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	6100		50	21	ug/L			04/29/16 13:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/29/16 13:49*	*50*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/29/16 13:49*	*50*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*04/29/16 13:49*	*50*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*04/29/16 13:49*	*50*

Client Sample ID: MW-11D

Lab Sample ID: 680-124371-6

Date Collected: 04/18/16 14:40

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 15:30	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 15:30	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 15:30	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 15:30	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 15:30	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 15:30	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 15:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 15:30	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 15:30	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 15:30	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 15:30	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 15:30	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 15:30	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 15:30	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 15:30	1
cis-1,2-Dichloroethene	0.73	J	1.0	0.41	ug/L			04/28/16 15:30	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 15:30	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 15:30	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 15:30	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 15:30	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 15:30	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 15:30	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 15:30	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 15:30	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 15:30	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 15:30	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 15:30	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 15:30	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 15:30	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 15:30	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 15:30	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 15:30	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 15:30	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 15:30	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 15:30	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 15:30	1

Client Sample ID: MW-11D
Date Collected: 04/18/16 14:40
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 15:30	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 15:30	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 15:30	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 15:30	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 15:30	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 15:30	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 15:30	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 15:30	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 15:30	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 15:30	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 15:30	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*111*		*70 - 130*		*04/28/16 15:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/28/16 15:30*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/28/16 15:30*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*04/28/16 15:30*	*1*

Client Sample ID: MW-14D
Date Collected: 04/20/16 11:04
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 02:05	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 02:05	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 02:05	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 02:05	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 02:05	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 02:05	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 02:05	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 02:05	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 02:05	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 02:05	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 02:05	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 02:05	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 02:05	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 02:05	1
cis-1,2-Dichloroethene	**4.8**		1.0	0.41	ug/L			04/29/16 02:05	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 02:05	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 02:05	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 02:05	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 02:05	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 02:05	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 02:05	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 02:05	1
Trichloroethene	**2.3**		1.0	0.48	ug/L			04/29/16 02:05	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 02:05	1

Client Sample ID: MW-14D
Date Collected: 04/20/16 11:04
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 02:05	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 02:05	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 02:05	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 02:05	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 02:05	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 02:05	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 02:05	1
Tetrachloroethene	**4.0**		1.0	0.74	ug/L			04/29/16 02:05	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 02:05	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 02:05	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 02:05	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 02:05	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 02:05	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 02:05	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 02:05	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 02:05	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 02:05	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 02:05	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 02:05	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 02:05	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 02:05	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 02:05	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 02:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*04/29/16 02:05*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*04/29/16 02:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/29/16 02:05*	*1*

Client Sample ID: MW-15S
Date Collected: 04/19/16 14:52
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 02:26	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 02:26	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 02:26	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 02:26	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 02:26	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 02:26	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 02:26	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 02:26	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 02:26	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 02:26	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 02:26	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 02:26	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 02:26	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-15S

Lab Sample ID: 680-124371-8

Date Collected: 04/19/16 14:52

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 02:26	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 02:26	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 02:26	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 02:26	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 02:26	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 02:26	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 02:26	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 02:26	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 02:26	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 02:26	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 02:26	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 02:26	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 02:26	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 02:26	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 02:26	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 02:26	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 02:26	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 02:26	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 02:26	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 02:26	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 02:26	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 02:26	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 02:26	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 02:26	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 02:26	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 02:26	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 02:26	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 02:26	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 02:26	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 02:26	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 02:26	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 02:26	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 02:26	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/29/16 02:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*04/29/16 02:26*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/29/16 02:26*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/29/16 02:26*	*1*

Client Sample ID: MW-26

Lab Sample ID: 680-124371-9

Date Collected: 04/19/16 17:36

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 02:48	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 02:48	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 02:48	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-26
Date Collected: 04/19/16 17:36
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 02:48	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 02:48	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 02:48	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 02:48	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 02:48	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 02:48	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 02:48	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 02:48	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 02:48	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 02:48	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 02:48	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 02:48	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 02:48	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 02:48	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 02:48	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 02:48	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 02:48	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 02:48	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 02:48	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 02:48	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 02:48	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 02:48	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 02:48	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 02:48	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 02:48	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 02:48	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 02:48	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 02:48	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 02:48	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 02:48	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 02:48	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 02:48	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 02:48	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 02:48	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 02:48	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 02:48	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 02:48	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 02:48	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 02:48	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 02:48	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 02:48	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 02:48	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 02:48	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 02:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/29/16 02:48*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*04/29/16 02:48*	*1*

Client Sample ID: MW-26

Lab Sample ID: 680-124371-9

Date Collected: 04/19/16 17:36

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		04/29/16 02:48	1

Client Sample ID: MW-29

Lab Sample ID: 680-124371-10

Date Collected: 04/19/16 18:32

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 12:24	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 12:24	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 12:24	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 12:24	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 12:24	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 12:24	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 12:24	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 12:24	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 12:24	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 12:24	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 12:24	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 12:24	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 12:24	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 12:24	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 12:24	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 12:24	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 12:24	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 12:24	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 12:24	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 12:24	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 12:24	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 12:24	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 12:24	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 12:24	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 12:24	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 12:24	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 12:24	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 12:24	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 12:24	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 12:24	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 12:24	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 12:24	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 12:24	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 12:24	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 12:24	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 12:24	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 12:24	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 12:24	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 12:24	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 12:24	1

Client Sample ID: MW-29

Lab Sample ID: 680-124371-10

Date Collected: 04/19/16 18:32

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 12:24	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 12:24	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 12:24	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 12:24	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 12:24	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 12:24	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*04/29/16 12:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/29/16 12:24*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 12:24*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*04/29/16 12:24*	*1*

Client Sample ID: MW-31

Lab Sample ID: 680-124371-11

Date Collected: 04/20/16 15:32

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 03:09	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 03:09	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 03:09	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 03:09	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 03:09	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 03:09	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 03:09	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 03:09	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 03:09	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 03:09	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 03:09	1
trans-1,2-Dichloroethene	**0.46**	**J**	1.0	0.37	ug/L			04/29/16 03:09	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 03:09	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 03:09	1
cis-1,2-Dichloroethene	**38**		1.0	0.41	ug/L			04/29/16 03:09	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 03:09	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 03:09	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 03:09	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 03:09	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 03:09	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 03:09	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 03:09	1
Trichloroethene	**13**		1.0	0.48	ug/L			04/29/16 03:09	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 03:09	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 03:09	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 03:09	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 03:09	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 03:09	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 03:09	1

Client Sample ID: MW-31
Date Collected: 04/20/16 15:32
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 03:09	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 03:09	1
Tetrachloroethene	**11**		1.0	0.74	ug/L			04/29/16 03:09	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 03:09	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 03:09	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 03:09	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 03:09	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 03:09	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 03:09	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 03:09	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 03:09	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 03:09	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 03:09	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 03:09	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 03:09	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 03:09	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 03:09	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 03:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*04/29/16 03:09*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/29/16 03:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/29/16 03:09*	*1*

Client Sample ID: MW-32
Date Collected: 04/20/16 13:44
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 03:30	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 03:30	1
Vinyl chloride	**0.92**	**J**	1.0	0.50	ug/L			04/29/16 03:30	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 03:30	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 03:30	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 03:30	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 03:30	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 03:30	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 03:30	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 03:30	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 03:30	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.37	ug/L			04/29/16 03:30	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 03:30	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 03:30	1
cis-1,2-Dichloroethene	**90**		1.0	0.41	ug/L			04/29/16 03:30	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 03:30	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 03:30	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 03:30	1

Client Sample ID: MW-32

Lab Sample ID: 680-124371-12

Date Collected: 04/20/16 13:44

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 03:30	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 03:30	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 03:30	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 03:30	1
Trichloroethene	**20**		1.0	0.48	ug/L			04/29/16 03:30	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 03:30	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 03:30	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 03:30	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 03:30	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 03:30	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 03:30	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 03:30	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 03:30	1
Tetrachloroethene	**31**		1.0	0.74	ug/L			04/29/16 03:30	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 03:30	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 03:30	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 03:30	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 03:30	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 03:30	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 03:30	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 03:30	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 03:30	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 03:30	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 03:30	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 03:30	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 03:30	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 03:30	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 03:30	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 03:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*04/29/16 03:30*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 03:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/29/16 03:30*	*1*

Client Sample ID: MW-33

Lab Sample ID: 680-124371-13

Date Collected: 04/19/16 16:39

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 12:45	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 12:45	1
Vinyl chloride	**36**		1.0	0.50	ug/L			04/29/16 12:45	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 12:45	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 12:45	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 12:45	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 12:45	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-33
Date Collected: 04/19/16 16:39
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<7.0		10	7.0	ug/L			04/29/16 12:45	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 12:45	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 12:45	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 12:45	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 12:45	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 12:45	1
1,1-Dichloroethane	**0.63**	**J**	1.0	0.38	ug/L			04/29/16 12:45	1
cis-1,2-Dichloroethene	**88**		1.0	0.41	ug/L			04/29/16 12:45	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 12:45	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 12:45	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 12:45	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 12:45	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 12:45	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 12:45	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 12:45	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 12:45	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 12:45	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 12:45	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 12:45	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 12:45	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 12:45	1
Toluene	**1.0**		1.0	0.48	ug/L			04/29/16 12:45	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 12:45	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 12:45	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 12:45	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 12:45	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 12:45	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 12:45	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 12:45	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 12:45	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 12:45	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 12:45	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 12:45	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 12:45	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 12:45	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 12:45	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 12:45	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 12:45	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 12:45	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/29/16 12:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/29/16 12:45*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/29/16 12:45*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/29/16 12:45*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-35
Date Collected: 04/19/16 17:16
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 03:51	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 03:51	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 03:51	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 03:51	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 03:51	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 03:51	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 03:51	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 03:51	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 03:51	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 03:51	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 03:51	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 03:51	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 03:51	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 03:51	1
cis-1,2-Dichloroethene	**0.58**	**J**	1.0	0.41	ug/L			04/29/16 03:51	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 03:51	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 03:51	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 03:51	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 03:51	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 03:51	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 03:51	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 03:51	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 03:51	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 03:51	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 03:51	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 03:51	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 03:51	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 03:51	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 03:51	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 03:51	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 03:51	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 03:51	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 03:51	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 03:51	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 03:51	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 03:51	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 03:51	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 03:51	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 03:51	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 03:51	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 03:51	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 03:51	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 03:51	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 03:51	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 03:51	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 03:51	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 03:51	1

Client Sample ID: MW-35
Date Collected: 04/19/16 17:16
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 03:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/29/16 03:51*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 03:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/29/16 03:51*	*1*

Client Sample ID: MW-36
Date Collected: 04/19/16 18:35
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 04:13	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 04:13	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 04:13	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 04:13	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 04:13	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 04:13	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 04:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 04:13	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 04:13	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 04:13	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 04:13	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 04:13	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 04:13	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 04:13	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 04:13	1
cis-1,2-Dichloroethene	**0.78**	**J**	1.0	0.41	ug/L			04/29/16 04:13	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 04:13	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 04:13	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 04:13	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 04:13	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 04:13	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 04:13	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 04:13	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 04:13	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 04:13	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 04:13	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 04:13	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 04:13	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 04:13	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 04:13	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 04:13	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 04:13	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 04:13	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 04:13	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 04:13	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 04:13	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 04:13	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 04:13	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 04:13	1

Client Sample ID: MW-36

Lab Sample ID: 680-124371-15

Date Collected: 04/19/16 18:35

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 04:13	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 04:13	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 04:13	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 04:13	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 04:13	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 04:13	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 04:13	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 04:13	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/29/16 04:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/29/16 04:13*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/29/16 04:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/29/16 04:13*	*1*

Client Sample ID: MW-37S

Lab Sample ID: 680-124371-16

Date Collected: 04/20/16 10:58

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 04:34	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 04:34	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 04:34	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 04:34	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 04:34	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 04:34	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 04:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 04:34	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 04:34	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 04:34	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 04:34	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 04:34	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 04:34	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 04:34	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 04:34	1
cis-1,2-Dichloroethene	**8.1**		1.0	0.41	ug/L			04/29/16 04:34	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 04:34	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 04:34	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 04:34	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 04:34	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 04:34	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 04:34	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 04:34	1
Trichloroethene	**1.1**		1.0	0.48	ug/L			04/29/16 04:34	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 04:34	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 04:34	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 04:34	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 04:34	1

Client Sample ID: MW-37S
Date Collected: 04/20/16 10:58
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 04:34	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 04:34	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 04:34	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 04:34	1
Tetrachloroethene	**0.88**	**J**	1.0	0.74	ug/L			04/29/16 04:34	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 04:34	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 04:34	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 04:34	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 04:34	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 04:34	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 04:34	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 04:34	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 04:34	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 04:34	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 04:34	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 04:34	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 04:34	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 04:34	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 04:34	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/29/16 04:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*04/29/16 04:34*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/29/16 04:34*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/29/16 04:34*	*1*

Client Sample ID: MW-38D
Date Collected: 04/20/16 11:43
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 04:55	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 04:55	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 04:55	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 04:55	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 04:55	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 04:55	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 04:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 04:55	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 04:55	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 04:55	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 04:55	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 04:55	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 04:55	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 04:55	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 04:55	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 04:55	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 04:55	1

Client Sample ID: MW-38D
Date Collected: 04/20/16 11:43
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 04:55	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 04:55	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 04:55	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 04:55	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 04:55	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 04:55	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 04:55	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 04:55	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 04:55	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 04:55	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 04:55	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 04:55	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 04:55	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 04:55	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 04:55	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 04:55	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 04:55	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 04:55	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 04:55	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 04:55	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 04:55	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 04:55	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 04:55	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 04:55	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 04:55	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 04:55	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 04:55	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 04:55	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 04:55	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 04:55	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/29/16 04:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*04/29/16 04:55*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/29/16 04:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/29/16 04:55*	*1*

Client Sample ID: MW-39D
Date Collected: 04/19/16 16:03
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 16:37	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 16:37	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 16:37	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 16:37	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 16:37	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 16:37	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-39D
Date Collected: 04/19/16 16:03
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 16:37	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 16:37	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 16:37	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 16:37	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 16:37	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 16:37	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 16:37	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 16:37	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 16:37	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 16:37	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 16:37	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 16:37	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 16:37	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 16:37	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 16:37	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 16:37	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 16:37	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 16:37	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 16:37	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 16:37	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 16:37	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 16:37	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 16:37	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 16:37	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 16:37	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 16:37	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 16:37	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 16:37	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 16:37	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 16:37	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 16:37	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 16:37	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 16:37	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 16:37	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 16:37	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 16:37	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 16:37	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 16:37	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 16:37	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 16:37	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/29/16 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/29/16 16:37*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*04/29/16 16:37*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*04/29/16 16:37*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-40S
Date Collected: 04/19/16 14:54
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<30		50	30	ug/L			05/03/16 18:25	50
Chloromethane	<20		50	20	ug/L			05/03/16 18:25	50
Vinyl chloride	<25		50	25	ug/L			05/03/16 18:25	50
Bromomethane	<130		250	130	ug/L			05/03/16 18:25	50
Chloroethane	<130		250	130	ug/L			05/03/16 18:25	50
Trichlorofluoromethane	<21		50	21	ug/L			05/03/16 18:25	50
1,1-Dichloroethene	<18		50	18	ug/L			05/03/16 18:25	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<18		50	18	ug/L			05/03/16 18:25	50
Acetone	<350		500	350	ug/L			05/03/16 18:25	50
Carbon disulfide	<50		100	50	ug/L			05/03/16 18:25	50
Methyl acetate	<90		250	90	ug/L			05/03/16 18:25	50
Methylene Chloride	<130		250	130	ug/L			05/03/16 18:25	50
trans-1,2-Dichloroethene	<19		50	19	ug/L			05/03/16 18:25	50
Methyl tert-butyl ether	<15		500	15	ug/L			05/03/16 18:25	50
1,1-Dichloroethane	<19		50	19	ug/L			05/03/16 18:25	50
cis-1,2-Dichloroethene	**1900**		50	21	ug/L			05/03/16 18:25	50
2-Butanone	<170		500	170	ug/L			05/03/16 18:25	50
Chloroform	<25		50	25	ug/L			05/03/16 18:25	50
1,1,1-Trichloroethane	<19		50	19	ug/L			05/03/16 18:25	50
Cyclohexane	<20		50	20	ug/L			05/03/16 18:25	50
Carbon tetrachloride	<17		50	17	ug/L			05/03/16 18:25	50
Benzene	<22		50	22	ug/L			05/03/16 18:25	50
1,2-Dichloroethane	<25		50	25	ug/L			05/03/16 18:25	50
Trichloroethene	<24		50	24	ug/L			05/03/16 18:25	50
Methylcyclohexane	<22		50	22	ug/L			05/03/16 18:25	50
1,2-Dichloropropane	<34		50	34	ug/L			05/03/16 18:25	50
Bromodichloromethane	<22		50	22	ug/L			05/03/16 18:25	50
cis-1,3-Dichloropropene	<20		50	20	ug/L			05/03/16 18:25	50
4-Methyl-2-pentanone	<110		500	110	ug/L			05/03/16 18:25	50
Toluene	<24		50	24	ug/L			05/03/16 18:25	50
trans-1,3-Dichloropropene	<21		50	21	ug/L			05/03/16 18:25	50
1,1,2-Trichloroethane	<17		50	17	ug/L			05/03/16 18:25	50
Tetrachloroethene	<37	*	50	37	ug/L			05/03/16 18:25	50
2-Hexanone	<100		500	100	ug/L			05/03/16 18:25	50
Dibromochloromethane	<16		50	16	ug/L			05/03/16 18:25	50
1,2-Dibromoethane	<22		50	22	ug/L			05/03/16 18:25	50
Chlorobenzene	<13		50	13	ug/L			05/03/16 18:25	50
Ethylbenzene	<17		50	17	ug/L			05/03/16 18:25	50
Xylenes, Total	<12		50	12	ug/L			05/03/16 18:25	50
Styrene	<14		50	14	ug/L			05/03/16 18:25	50
Bromoform	<22		50	22	ug/L			05/03/16 18:25	50
Isopropylbenzene	<18		50	18	ug/L			05/03/16 18:25	50
1,1,2,2-Tetrachloroethane	<31		50	31	ug/L			05/03/16 18:25	50
1,3-Dichlorobenzene	<22		50	22	ug/L			05/03/16 18:25	50
1,4-Dichlorobenzene	<23		50	23	ug/L			05/03/16 18:25	50
1,2-Dichlorobenzene	<19		50	19	ug/L			05/03/16 18:25	50
1,2-Dibromo-3-Chloropropane	<55		250	55	ug/L			05/03/16 18:25	50
1,2,4-Trichlorobenzene	<130		250	130	ug/L			05/03/16 18:25	50

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-40S

Lab Sample ID: 680-124371-19

Date Collected: 04/19/16 14:54
Date Received: 04/21/16 11:47

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*106*		*70 - 130*		*05/03/16 18:25*	*50*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*05/03/16 18:25*	*50*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*05/03/16 18:25*	*50*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*05/03/16 18:25*	*50*

Client Sample ID: MW-41D

Lab Sample ID: 680-124371-20

Date Collected: 04/19/16 11:39
Date Received: 04/21/16 11:47

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 16:58	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 16:58	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 16:58	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 16:58	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 16:58	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 16:58	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 16:58	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 16:58	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 16:58	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 16:58	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 16:58	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 16:58	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 16:58	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 16:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 16:58	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 16:58	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 16:58	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 16:58	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 16:58	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 16:58	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 16:58	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 16:58	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 16:58	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 16:58	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 16:58	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 16:58	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 16:58	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 16:58	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 16:58	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 16:58	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 16:58	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 16:58	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 16:58	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 16:58	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 16:58	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 16:58	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 16:58	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 16:58	1

Client Sample ID: MW-41D
Date Collected: 04/19/16 11:39
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 16:58	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 16:58	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 16:58	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 16:58	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 16:58	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 16:58	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 16:58	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 16:58	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/29/16 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/29/16 16:58*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*04/29/16 16:58*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/29/16 16:58*	*1*

Client Sample ID: MW-42S
Date Collected: 04/19/16 10:40
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 14:52	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 14:52	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 14:52	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 14:52	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 14:52	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 14:52	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 14:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 14:52	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 14:52	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 14:52	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 14:52	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 14:52	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 14:52	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 14:52	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 14:52	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 14:52	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 14:52	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 14:52	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 14:52	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 14:52	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 14:52	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 14:52	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 14:52	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 14:52	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 14:52	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 14:52	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 14:52	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 14:52	1

Client Sample ID: MW-42S
Date Collected: 04/19/16 10:40
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 14:52	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 14:52	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 14:52	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 14:52	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 14:52	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 14:52	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 14:52	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 14:52	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 14:52	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 14:52	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 14:52	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 14:52	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 14:52	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 14:52	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 14:52	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 14:52	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 14:52	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 14:52	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 14:52	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/29/16 14:52*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/29/16 14:52*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/29/16 14:52*	*1*

Client Sample ID: MW-43D
Date Collected: 04/19/16 11:45
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 15:13	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 15:13	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 15:13	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 15:13	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 15:13	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 15:13	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 15:13	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 15:13	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 15:13	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 15:13	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 15:13	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 15:13	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 15:13	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 15:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 15:13	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 15:13	1

Client Sample ID: MW-43D
Date Collected: 04/19/16 11:45
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 15:13	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 15:13	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 15:13	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 15:13	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 15:13	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 15:13	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 15:13	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 15:13	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 15:13	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 15:13	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 15:13	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 15:13	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 15:13	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 15:13	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 15:13	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 15:13	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 15:13	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 15:13	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 15:13	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 15:13	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 15:13	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 15:13	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 15:13	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 15:13	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 15:13	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 15:13	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 15:13	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 15:13	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 15:13	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 15:13	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/29/16 15:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/29/16 15:13*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*04/29/16 15:13*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*04/29/16 15:13*	*1*

Client Sample ID: MW-44D
Date Collected: 04/18/16 17:58
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 15:51	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 15:51	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 15:51	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 15:51	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 15:51	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 15:51	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-44D
Date Collected: 04/18/16 17:58
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 15:51	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 15:51	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 15:51	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 15:51	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 15:51	1
trans-1,2-Dichloroethene	**0.74**	**J**	1.0	0.37	ug/L			04/28/16 15:51	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 15:51	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 15:51	1
cis-1,2-Dichloroethene	**15**		1.0	0.41	ug/L			04/28/16 15:51	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 15:51	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 15:51	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 15:51	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 15:51	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 15:51	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 15:51	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 15:51	1
Trichloroethene	**9.1**		1.0	0.48	ug/L			04/28/16 15:51	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 15:51	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 15:51	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 15:51	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 15:51	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 15:51	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 15:51	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 15:51	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 15:51	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 15:51	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 15:51	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 15:51	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 15:51	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 15:51	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 15:51	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 15:51	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 15:51	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 15:51	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 15:51	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 15:51	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 15:51	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 15:51	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 15:51	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 15:51	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/28/16 15:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/28/16 15:51*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*04/28/16 15:51*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/28/16 15:51*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-45S
Date Collected: 04/18/16 17:14
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 16:12	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 16:12	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 16:12	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 16:12	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 16:12	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 16:12	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 16:12	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 16:12	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 16:12	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 16:12	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 16:12	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 16:12	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 16:12	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 16:12	1
cis-1,2-Dichloroethene	**3.8**		1.0	0.41	ug/L			04/28/16 16:12	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 16:12	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 16:12	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 16:12	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 16:12	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 16:12	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 16:12	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 16:12	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 16:12	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 16:12	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 16:12	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 16:12	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 16:12	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 16:12	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 16:12	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 16:12	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 16:12	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 16:12	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 16:12	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 16:12	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 16:12	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 16:12	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 16:12	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 16:12	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 16:12	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 16:12	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 16:12	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 16:12	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 16:12	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 16:12	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 16:12	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 16:12	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 16:12	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-45S

Date Collected: 04/18/16 17:14
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/28/16 16:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/28/16 16:12*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/28/16 16:12*	*1*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*		*04/28/16 16:12*	*1*

Client Sample ID: MW-46S

Date Collected: 04/18/16 15:23
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 16:33	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 16:33	1
Vinyl chloride	**19**		1.0	0.50	ug/L			04/28/16 16:33	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 16:33	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 16:33	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 16:33	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 16:33	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 16:33	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 16:33	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 16:33	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 16:33	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 16:33	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 16:33	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 16:33	1
cis-1,2-Dichloroethene	**9.7**		1.0	0.41	ug/L			04/28/16 16:33	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 16:33	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 16:33	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 16:33	1
Cyclohexane	**0.55**	**J**	1.0	0.39	ug/L			04/28/16 16:33	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 16:33	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 16:33	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 16:33	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 16:33	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 16:33	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 16:33	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 16:33	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 16:33	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 16:33	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 16:33	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 16:33	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 16:33	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 16:33	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 16:33	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 16:33	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 16:33	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 16:33	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 16:33	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 16:33	1

Client Sample ID: MW-46S
Date Collected: 04/18/16 15:23
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 16:33	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 16:33	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 16:33	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 16:33	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 16:33	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 16:33	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 16:33	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 16:33	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/28/16 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/28/16 16:33*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/28/16 16:33*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/28/16 16:33*	*1*

Client Sample ID: MW-47D
Date Collected: 04/18/16 16:02
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 16:54	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 16:54	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 16:54	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 16:54	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 16:54	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 16:54	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 16:54	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 16:54	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 16:54	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 16:54	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 16:54	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.37	ug/L			04/28/16 16:54	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 16:54	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 16:54	1
cis-1,2-Dichloroethene	**36**		1.0	0.41	ug/L			04/28/16 16:54	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 16:54	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 16:54	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 16:54	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 16:54	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 16:54	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 16:54	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 16:54	1
Trichloroethene	**20**		1.0	0.48	ug/L			04/28/16 16:54	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 16:54	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 16:54	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 16:54	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 16:54	1

Client Sample ID: MW-47D
Date Collected: 04/18/16 16:02
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 16:54	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 16:54	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 16:54	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 16:54	1
Tetrachloroethene	**19**		1.0	0.74	ug/L			04/28/16 16:54	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 16:54	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 16:54	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 16:54	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 16:54	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 16:54	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 16:54	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 16:54	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 16:54	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 16:54	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 16:54	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 16:54	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 16:54	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 16:54	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 16:54	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/28/16 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/28/16 16:54*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*04/28/16 16:54*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/28/16 16:54*	*1*

Client Sample ID: MW-48S
Date Collected: 04/18/16 14:24
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 17:16	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 17:16	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 17:16	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 17:16	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 17:16	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 17:16	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 17:16	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 17:16	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 17:16	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 17:16	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 17:16	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 17:16	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 17:16	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 17:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/28/16 17:16	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 17:16	1

Client Sample ID: MW-48S
Date Collected: 04/18/16 14:24
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 17:16	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 17:16	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 17:16	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 17:16	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 17:16	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 17:16	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 17:16	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 17:16	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 17:16	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 17:16	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 17:16	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 17:16	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 17:16	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 17:16	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 17:16	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 17:16	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 17:16	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 17:16	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 17:16	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 17:16	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 17:16	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 17:16	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 17:16	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 17:16	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 17:16	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 17:16	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 17:16	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 17:16	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 17:16	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 17:16	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/28/16 17:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/28/16 17:16*	*1*
Dibromofluoromethane (Surr)	*86*		*70 - 130*		*04/28/16 17:16*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/28/16 17:16*	*1*

Client Sample ID: MW-49D
Date Collected: 04/21/16 09:20
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<6.0		10	6.0	ug/L			05/03/16 18:48	10
Chloromethane	<4.0		10	4.0	ug/L			05/03/16 18:48	10
Vinyl chloride	**120**		10	5.0	ug/L			05/03/16 18:48	10
Bromomethane	<25		50	25	ug/L			05/03/16 18:48	10
Chloroethane	<25		50	25	ug/L			05/03/16 18:48	10
Trichlorofluoromethane	<4.2		10	4.2	ug/L			05/03/16 18:48	10

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-49D
Date Collected: 04/21/16 09:20
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**6.2**	**J**	10	3.6	ug/L			05/03/16 18:48	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.6		10	3.6	ug/L			05/03/16 18:48	10
Acetone	<70		100	70	ug/L			05/03/16 18:48	10
Carbon disulfide	<10		20	10	ug/L			05/03/16 18:48	10
Methyl acetate	<18		50	18	ug/L			05/03/16 18:48	10
Methylene Chloride	<25		50	25	ug/L			05/03/16 18:48	10
trans-1,2-Dichloroethene	**61**		10	3.7	ug/L			05/03/16 18:48	10
Methyl tert-butyl ether	<3.0		100	3.0	ug/L			05/03/16 18:48	10
1,1-Dichloroethane	<3.8		10	3.8	ug/L			05/03/16 18:48	10
2-Butanone	<34		100	34	ug/L			05/03/16 18:48	10
Chloroform	<5.0		10	5.0	ug/L			05/03/16 18:48	10
1,1,1-Trichloroethane	<3.7		10	3.7	ug/L			05/03/16 18:48	10
Cyclohexane	<3.9		10	3.9	ug/L			05/03/16 18:48	10
Carbon tetrachloride	<3.3		10	3.3	ug/L			05/03/16 18:48	10
Benzene	<4.3		10	4.3	ug/L			05/03/16 18:48	10
1,2-Dichloroethane	<5.0		10	5.0	ug/L			05/03/16 18:48	10
Trichloroethene	**560**		10	4.8	ug/L			05/03/16 18:48	10
Methylcyclohexane	<4.3		10	4.3	ug/L			05/03/16 18:48	10
1,2-Dichloropropane	<6.7		10	6.7	ug/L			05/03/16 18:48	10
Bromodichloromethane	<4.4		10	4.4	ug/L			05/03/16 18:48	10
cis-1,3-Dichloropropene	<4.0		10	4.0	ug/L			05/03/16 18:48	10
4-Methyl-2-pentanone	<21		100	21	ug/L			05/03/16 18:48	10
Toluene	<4.8		10	4.8	ug/L			05/03/16 18:48	10
trans-1,3-Dichloropropene	<4.2		10	4.2	ug/L			05/03/16 18:48	10
1,1,2-Trichloroethane	<3.3		10	3.3	ug/L			05/03/16 18:48	10
Tetrachloroethene	**66**	*	10	7.4	ug/L			05/03/16 18:48	10
2-Hexanone	<20		100	20	ug/L			05/03/16 18:48	10
Dibromochloromethane	<3.2		10	3.2	ug/L			05/03/16 18:48	10
1,2-Dibromoethane	<4.4		10	4.4	ug/L			05/03/16 18:48	10
Chlorobenzene	<2.6		10	2.6	ug/L			05/03/16 18:48	10
Ethylbenzene	<3.3		10	3.3	ug/L			05/03/16 18:48	10
Xylenes, Total	<2.3		10	2.3	ug/L			05/03/16 18:48	10
Styrene	<2.7		10	2.7	ug/L			05/03/16 18:48	10
Bromoform	<4.3		10	4.3	ug/L			05/03/16 18:48	10
Isopropylbenzene	<3.5		10	3.5	ug/L			05/03/16 18:48	10
1,1,2,2-Tetrachloroethane	<6.2		10	6.2	ug/L			05/03/16 18:48	10
1,3-Dichlorobenzene	<4.3		10	4.3	ug/L			05/03/16 18:48	10
1,4-Dichlorobenzene	<4.6		10	4.6	ug/L			05/03/16 18:48	10
1,2-Dichlorobenzene	<3.7		10	3.7	ug/L			05/03/16 18:48	10
1,2-Dibromo-3-Chloropropane	<11		50	11	ug/L			05/03/16 18:48	10
1,2,4-Trichlorobenzene	<25		50	25	ug/L			05/03/16 18:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/03/16 18:48*	*10*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*05/03/16 18:48*	*10*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*05/03/16 18:48*	*10*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*05/03/16 18:48*	*10*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-49D

Lab Sample ID: 680-124371-28

Date Collected: 04/21/16 09:20

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**3100**		20	8.2	ug/L			05/04/16 13:36	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/04/16 13:36*	*20*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*05/04/16 13:36*	*20*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*05/04/16 13:36*	*20*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*05/04/16 13:36*	*20*

Client Sample ID: MW-50S

Lab Sample ID: 680-124371-29

Date Collected: 04/21/16 10:09

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<6.0		10	6.0	ug/L			04/30/16 20:11	10
Chloromethane	**5.0**	**J**	10	4.0	ug/L			04/30/16 20:11	10
Vinyl chloride	**60**		10	5.0	ug/L			04/30/16 20:11	10
Bromomethane	<25		50	25	ug/L			04/30/16 20:11	10
Chloroethane	<25		50	25	ug/L			04/30/16 20:11	10
Trichlorofluoromethane	<4.2		10	4.2	ug/L			04/30/16 20:11	10
1,1-Dichloroethene	<3.6		10	3.6	ug/L			04/30/16 20:11	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.6		10	3.6	ug/L			04/30/16 20:11	10
Acetone	<70		100	70	ug/L			04/30/16 20:11	10
Carbon disulfide	<10		20	10	ug/L			04/30/16 20:11	10
Methyl acetate	<18		50	18	ug/L			04/30/16 20:11	10
Methylene Chloride	<25		50	25	ug/L			04/30/16 20:11	10
trans-1,2-Dichloroethene	<3.7		10	3.7	ug/L			04/30/16 20:11	10
Methyl tert-butyl ether	<3.0		100	3.0	ug/L			04/30/16 20:11	10
1,1-Dichloroethane	<3.8		10	3.8	ug/L			04/30/16 20:11	10
cis-1,2-Dichloroethene	**600**		10	4.1	ug/L			04/30/16 20:11	10
2-Butanone	<34		100	34	ug/L			04/30/16 20:11	10
Chloroform	**8.6**	**J**	10	5.0	ug/L			04/30/16 20:11	10
1,1,1-Trichloroethane	<3.7		10	3.7	ug/L			04/30/16 20:11	10
Cyclohexane	<3.9		10	3.9	ug/L			04/30/16 20:11	10
Carbon tetrachloride	<3.3		10	3.3	ug/L			04/30/16 20:11	10
Benzene	<4.3		10	4.3	ug/L			04/30/16 20:11	10
1,2-Dichloroethane	<5.0		10	5.0	ug/L			04/30/16 20:11	10
Trichloroethene	<4.8		10	4.8	ug/L			04/30/16 20:11	10
Methylcyclohexane	<4.3		10	4.3	ug/L			04/30/16 20:11	10
1,2-Dichloropropane	<6.7		10	6.7	ug/L			04/30/16 20:11	10
Bromodichloromethane	<4.4		10	4.4	ug/L			04/30/16 20:11	10
cis-1,3-Dichloropropene	<4.0		10	4.0	ug/L			04/30/16 20:11	10
4-Methyl-2-pentanone	<21		100	21	ug/L			04/30/16 20:11	10
Toluene	<4.8		10	4.8	ug/L			04/30/16 20:11	10
trans-1,3-Dichloropropene	<4.2		10	4.2	ug/L			04/30/16 20:11	10
1,1,2-Trichloroethane	<3.3		10	3.3	ug/L			04/30/16 20:11	10
Tetrachloroethene	<7.4		10	7.4	ug/L			04/30/16 20:11	10
2-Hexanone	<20		100	20	ug/L			04/30/16 20:11	10
Dibromochloromethane	<3.2		10	3.2	ug/L			04/30/16 20:11	10
1,2-Dibromoethane	<4.4		10	4.4	ug/L			04/30/16 20:11	10

Client Sample ID: MW-50S

Date Collected: 04/21/16 10:09
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-29

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<2.6		10	2.6	ug/L			04/30/16 20:11	10
Ethylbenzene	<3.3		10	3.3	ug/L			04/30/16 20:11	10
Xylenes, Total	<2.3		10	2.3	ug/L			04/30/16 20:11	10
Styrene	<2.7		10	2.7	ug/L			04/30/16 20:11	10
Bromoform	<4.3		10	4.3	ug/L			04/30/16 20:11	10
Isopropylbenzene	<3.5		10	3.5	ug/L			04/30/16 20:11	10
1,1,2,2-Tetrachloroethane	<6.2		10	6.2	ug/L			04/30/16 20:11	10
1,3-Dichlorobenzene	<4.3		10	4.3	ug/L			04/30/16 20:11	10
1,4-Dichlorobenzene	<4.6		10	4.6	ug/L			04/30/16 20:11	10
1,2-Dichlorobenzene	<3.7		10	3.7	ug/L			04/30/16 20:11	10
1,2-Dibromo-3-Chloropropane	<11		50	11	ug/L			04/30/16 20:11	10
1,2,4-Trichlorobenzene	<25		50	25	ug/L			04/30/16 20:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/30/16 20:11*	*10*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*04/30/16 20:11*	*10*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*04/30/16 20:11*	*10*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/30/16 20:11*	*10*

Client Sample ID: MW-51D

Date Collected: 04/20/16 17:50
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/02/16 19:08	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/02/16 19:08	1
Vinyl chloride	**18**		1.0	0.50	ug/L			05/02/16 19:08	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/02/16 19:08	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/02/16 19:08	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/02/16 19:08	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/02/16 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/02/16 19:08	1
Acetone	<7.0		10	7.0	ug/L			05/02/16 19:08	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/02/16 19:08	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/02/16 19:08	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/02/16 19:08	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/02/16 19:08	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/02/16 19:08	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/02/16 19:08	1
cis-1,2-Dichloroethene	**19**		1.0	0.41	ug/L			05/02/16 19:08	1
2-Butanone	<3.4		10	3.4	ug/L			05/02/16 19:08	1
Chloroform	<0.50		1.0	0.50	ug/L			05/02/16 19:08	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/02/16 19:08	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/02/16 19:08	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/02/16 19:08	1
Benzene	<0.43		1.0	0.43	ug/L			05/02/16 19:08	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/02/16 19:08	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/02/16 19:08	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/02/16 19:08	1

Client Sample ID: MW-51D
Date Collected: 04/20/16 17:50
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/02/16 19:08	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/02/16 19:08	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/02/16 19:08	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/02/16 19:08	1
Toluene	<0.48		1.0	0.48	ug/L			05/02/16 19:08	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/02/16 19:08	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/02/16 19:08	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/02/16 19:08	1
2-Hexanone	<2.0		10	2.0	ug/L			05/02/16 19:08	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/16 19:08	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/02/16 19:08	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/02/16 19:08	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/02/16 19:08	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/02/16 19:08	1
Styrene	<0.27		1.0	0.27	ug/L			05/02/16 19:08	1
Bromoform	<0.43		1.0	0.43	ug/L			05/02/16 19:08	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/02/16 19:08	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/02/16 19:08	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/02/16 19:08	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/02/16 19:08	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/02/16 19:08	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/02/16 19:08	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/02/16 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/02/16 19:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*05/02/16 19:08*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*05/02/16 19:08*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*05/02/16 19:08*	*1*

Client Sample ID: MW-52D
Date Collected: 04/20/16 17:11
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/30/16 18:38	1
Chloromethane	**1.1**		1.0	0.40	ug/L			04/30/16 18:38	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/30/16 18:38	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/30/16 18:38	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/30/16 18:38	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/30/16 18:38	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/30/16 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/30/16 18:38	1
Acetone	<7.0		10	7.0	ug/L			04/30/16 18:38	1
Carbon disulfide	**5.7**		2.0	1.0	ug/L			04/30/16 18:38	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/30/16 18:38	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/30/16 18:38	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/30/16 18:38	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/30/16 18:38	1

Client Sample ID: MW-52D
Date Collected: 04/20/16 17:11
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/30/16 18:38	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/30/16 18:38	1
2-Butanone	<3.4		10	3.4	ug/L			04/30/16 18:38	1
Chloroform	<0.50		1.0	0.50	ug/L			04/30/16 18:38	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/30/16 18:38	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/30/16 18:38	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/30/16 18:38	1
Benzene	<0.43		1.0	0.43	ug/L			04/30/16 18:38	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/30/16 18:38	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/30/16 18:38	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/30/16 18:38	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/30/16 18:38	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/30/16 18:38	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/30/16 18:38	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/30/16 18:38	1
Toluene	<0.48		1.0	0.48	ug/L			04/30/16 18:38	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/30/16 18:38	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/30/16 18:38	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/30/16 18:38	1
2-Hexanone	<2.0		10	2.0	ug/L			04/30/16 18:38	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/30/16 18:38	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/30/16 18:38	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/30/16 18:38	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/30/16 18:38	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/30/16 18:38	1
Styrene	<0.27		1.0	0.27	ug/L			04/30/16 18:38	1
Bromoform	<0.43		1.0	0.43	ug/L			04/30/16 18:38	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/30/16 18:38	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/30/16 18:38	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/30/16 18:38	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/30/16 18:38	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/30/16 18:38	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/30/16 18:38	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/30/16 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/30/16 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/30/16 18:38*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*04/30/16 18:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/30/16 18:38*	*1*

Client Sample ID: MW-53D
Date Collected: 04/20/16 18:31
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/30/16 19:01	1
Chloromethane	**0.68**	**J**	1.0	0.40	ug/L			04/30/16 19:01	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/30/16 19:01	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-53D
Date Collected: 04/20/16 18:31
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<2.5		5.0	2.5	ug/L			04/30/16 19:01	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/30/16 19:01	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/30/16 19:01	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/30/16 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/30/16 19:01	1
Acetone	<7.0		10	7.0	ug/L			04/30/16 19:01	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/30/16 19:01	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/30/16 19:01	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/30/16 19:01	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/30/16 19:01	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/30/16 19:01	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/30/16 19:01	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.41	ug/L			04/30/16 19:01	1
2-Butanone	<3.4		10	3.4	ug/L			04/30/16 19:01	1
Chloroform	<0.50		1.0	0.50	ug/L			04/30/16 19:01	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/30/16 19:01	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/30/16 19:01	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/30/16 19:01	1
Benzene	<0.43		1.0	0.43	ug/L			04/30/16 19:01	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/30/16 19:01	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/30/16 19:01	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/30/16 19:01	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/30/16 19:01	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/30/16 19:01	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/30/16 19:01	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/30/16 19:01	1
Toluene	<0.48		1.0	0.48	ug/L			04/30/16 19:01	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/30/16 19:01	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/30/16 19:01	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/30/16 19:01	1
2-Hexanone	<2.0		10	2.0	ug/L			04/30/16 19:01	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/30/16 19:01	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/30/16 19:01	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/30/16 19:01	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/30/16 19:01	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/30/16 19:01	1
Styrene	<0.27		1.0	0.27	ug/L			04/30/16 19:01	1
Bromoform	<0.43		1.0	0.43	ug/L			04/30/16 19:01	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/30/16 19:01	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/30/16 19:01	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/30/16 19:01	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/30/16 19:01	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/30/16 19:01	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/30/16 19:01	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/30/16 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/30/16 19:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/30/16 19:01*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*04/30/16 19:01*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-53D

Date Collected: 04/20/16 18:31
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-32

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		04/30/16 19:01	1

Client Sample ID: MW-54D

Date Collected: 04/20/16 17:49
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-33

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/30/16 19:25	1
Chloromethane	**0.72**	**J**	1.0	0.40	ug/L			04/30/16 19:25	1
Vinyl chloride	**17**		1.0	0.50	ug/L			04/30/16 19:25	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/30/16 19:25	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/30/16 19:25	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/30/16 19:25	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/30/16 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/30/16 19:25	1
Acetone	<7.0		10	7.0	ug/L			04/30/16 19:25	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/30/16 19:25	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/30/16 19:25	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/30/16 19:25	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/30/16 19:25	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/30/16 19:25	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/30/16 19:25	1
cis-1,2-Dichloroethene	**8.7**		1.0	0.41	ug/L			04/30/16 19:25	1
2-Butanone	<3.4		10	3.4	ug/L			04/30/16 19:25	1
Chloroform	<0.50		1.0	0.50	ug/L			04/30/16 19:25	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/30/16 19:25	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/30/16 19:25	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/30/16 19:25	1
Benzene	<0.43		1.0	0.43	ug/L			04/30/16 19:25	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/30/16 19:25	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/30/16 19:25	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/30/16 19:25	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/30/16 19:25	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/30/16 19:25	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/30/16 19:25	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/30/16 19:25	1
Toluene	<0.48		1.0	0.48	ug/L			04/30/16 19:25	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/30/16 19:25	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/30/16 19:25	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/30/16 19:25	1
2-Hexanone	<2.0		10	2.0	ug/L			04/30/16 19:25	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/30/16 19:25	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/30/16 19:25	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/30/16 19:25	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/30/16 19:25	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/30/16 19:25	1
Styrene	<0.27		1.0	0.27	ug/L			04/30/16 19:25	1
Bromoform	<0.43		1.0	0.43	ug/L			04/30/16 19:25	1

Client Sample ID: MW-54D

Date Collected: 04/20/16 17:49
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-33

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/30/16 19:25	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/30/16 19:25	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/30/16 19:25	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/30/16 19:25	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/30/16 19:25	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/30/16 19:25	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/30/16 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/30/16 19:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/30/16 19:25*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*04/30/16 19:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/30/16 19:25*	*1*

Client Sample ID: MW-55D

Date Collected: 04/21/16 09:02
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-34

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/02/16 18:45	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/02/16 18:45	1
Vinyl chloride	**7.2**		1.0	0.50	ug/L			05/02/16 18:45	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/02/16 18:45	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/02/16 18:45	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/02/16 18:45	1
1,1-Dichloroethene	**0.75**	**J**	1.0	0.36	ug/L			05/02/16 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/02/16 18:45	1
Acetone	<7.0		10	7.0	ug/L			05/02/16 18:45	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/02/16 18:45	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/02/16 18:45	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/02/16 18:45	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/02/16 18:45	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/02/16 18:45	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/02/16 18:45	1
cis-1,2-Dichloroethene	**120**		1.0	0.41	ug/L			05/02/16 18:45	1
2-Butanone	<3.4		10	3.4	ug/L			05/02/16 18:45	1
Chloroform	<0.50		1.0	0.50	ug/L			05/02/16 18:45	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/02/16 18:45	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/02/16 18:45	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/02/16 18:45	1
Benzene	<0.43		1.0	0.43	ug/L			05/02/16 18:45	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/02/16 18:45	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/02/16 18:45	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/02/16 18:45	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/02/16 18:45	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/02/16 18:45	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/02/16 18:45	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/02/16 18:45	1
Toluene	<0.48		1.0	0.48	ug/L			05/02/16 18:45	1

Client Sample ID: MW-55D
Date Collected: 04/21/16 09:02
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/02/16 18:45	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/02/16 18:45	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/02/16 18:45	1
2-Hexanone	<2.0		10	2.0	ug/L			05/02/16 18:45	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/16 18:45	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/02/16 18:45	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/02/16 18:45	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/02/16 18:45	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/02/16 18:45	1
Styrene	<0.27		1.0	0.27	ug/L			05/02/16 18:45	1
Bromoform	<0.43		1.0	0.43	ug/L			05/02/16 18:45	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/02/16 18:45	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/02/16 18:45	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/02/16 18:45	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/02/16 18:45	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/02/16 18:45	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/02/16 18:45	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/02/16 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/02/16 18:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*05/02/16 18:45*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/02/16 18:45*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*05/02/16 18:45*	*1*

Client Sample ID: MW-56D
Date Collected: 04/20/16 18:37
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/30/16 19:48	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/30/16 19:48	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/30/16 19:48	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/30/16 19:48	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/30/16 19:48	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/30/16 19:48	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/30/16 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/30/16 19:48	1
Acetone	<7.0		10	7.0	ug/L			04/30/16 19:48	1
Carbon disulfide	**4.3**		2.0	1.0	ug/L			04/30/16 19:48	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/30/16 19:48	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/30/16 19:48	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/30/16 19:48	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/30/16 19:48	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/30/16 19:48	1
cis-1,2-Dichloroethene	**0.64**	**J**	1.0	0.41	ug/L			04/30/16 19:48	1
2-Butanone	<3.4		10	3.4	ug/L			04/30/16 19:48	1
Chloroform	<0.50		1.0	0.50	ug/L			04/30/16 19:48	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/30/16 19:48	1

Client Sample ID: MW-56D
Date Collected: 04/20/16 18:37
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<0.39		1.0	0.39	ug/L			04/30/16 19:48	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/30/16 19:48	1
Benzene	<0.43		1.0	0.43	ug/L			04/30/16 19:48	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/30/16 19:48	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/30/16 19:48	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/30/16 19:48	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/30/16 19:48	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/30/16 19:48	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/30/16 19:48	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/30/16 19:48	1
Toluene	<0.48		1.0	0.48	ug/L			04/30/16 19:48	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/30/16 19:48	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/30/16 19:48	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/30/16 19:48	1
2-Hexanone	<2.0		10	2.0	ug/L			04/30/16 19:48	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/30/16 19:48	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/30/16 19:48	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/30/16 19:48	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/30/16 19:48	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/30/16 19:48	1
Styrene	<0.27		1.0	0.27	ug/L			04/30/16 19:48	1
Bromoform	<0.43		1.0	0.43	ug/L			04/30/16 19:48	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/30/16 19:48	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/30/16 19:48	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/30/16 19:48	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/30/16 19:48	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/30/16 19:48	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/30/16 19:48	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/30/16 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/30/16 19:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*04/30/16 19:48*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*04/30/16 19:48*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*04/30/16 19:48*	*1*

Client Sample ID: PAW-3
Date Collected: 04/20/16 14:36
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/03/16 14:51	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/03/16 14:51	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/03/16 14:51	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/03/16 14:51	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/03/16 14:51	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/03/16 14:51	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/03/16 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/03/16 14:51	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: PAW-3
Date Collected: 04/20/16 14:36
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<7.0		10	7.0	ug/L			05/03/16 14:51	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/03/16 14:51	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/03/16 14:51	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/03/16 14:51	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/03/16 14:51	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/03/16 14:51	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/03/16 14:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/03/16 14:51	1
2-Butanone	<3.4		10	3.4	ug/L			05/03/16 14:51	1
Chloroform	<0.50		1.0	0.50	ug/L			05/03/16 14:51	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/03/16 14:51	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/03/16 14:51	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/03/16 14:51	1
Benzene	<0.43		1.0	0.43	ug/L			05/03/16 14:51	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/03/16 14:51	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/03/16 14:51	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/03/16 14:51	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/03/16 14:51	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/03/16 14:51	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/03/16 14:51	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/03/16 14:51	1
Toluene	<0.48		1.0	0.48	ug/L			05/03/16 14:51	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/03/16 14:51	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/03/16 14:51	1
Tetrachloroethene	<0.74	*	1.0	0.74	ug/L			05/03/16 14:51	1
2-Hexanone	<2.0		10	2.0	ug/L			05/03/16 14:51	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/16 14:51	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/03/16 14:51	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/03/16 14:51	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/03/16 14:51	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/03/16 14:51	1
Styrene	<0.27		1.0	0.27	ug/L			05/03/16 14:51	1
Bromoform	<0.43		1.0	0.43	ug/L			05/03/16 14:51	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/03/16 14:51	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/03/16 14:51	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/03/16 14:51	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/03/16 14:51	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/03/16 14:51	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/03/16 14:51	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/03/16 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/03/16 14:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*05/03/16 14:51*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*05/03/16 14:51*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*05/03/16 14:51*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: PAW-4
Date Collected: 04/20/16 15:18
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/04/16 13:13	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/04/16 13:13	1
Vinyl chloride	**4.4**		1.0	0.50	ug/L			05/04/16 13:13	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/04/16 13:13	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/04/16 13:13	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/04/16 13:13	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/04/16 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/04/16 13:13	1
Acetone	<7.0		10	7.0	ug/L			05/04/16 13:13	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/04/16 13:13	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/04/16 13:13	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/04/16 13:13	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/04/16 13:13	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/04/16 13:13	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/04/16 13:13	1
cis-1,2-Dichloroethene	**35**		1.0	0.41	ug/L			05/04/16 13:13	1
2-Butanone	<3.4		10	3.4	ug/L			05/04/16 13:13	1
Chloroform	<0.50		1.0	0.50	ug/L			05/04/16 13:13	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/04/16 13:13	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/04/16 13:13	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/04/16 13:13	1
Benzene	<0.43		1.0	0.43	ug/L			05/04/16 13:13	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/04/16 13:13	1
Trichloroethene	**26**		1.0	0.48	ug/L			05/04/16 13:13	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/04/16 13:13	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/04/16 13:13	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/04/16 13:13	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/04/16 13:13	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/04/16 13:13	1
Toluene	<0.48		1.0	0.48	ug/L			05/04/16 13:13	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/04/16 13:13	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/04/16 13:13	1
Tetrachloroethene	**74**		1.0	0.74	ug/L			05/04/16 13:13	1
2-Hexanone	<2.0		10	2.0	ug/L			05/04/16 13:13	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/04/16 13:13	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/04/16 13:13	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/04/16 13:13	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/04/16 13:13	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/04/16 13:13	1
Styrene	<0.27		1.0	0.27	ug/L			05/04/16 13:13	1
Bromoform	<0.43		1.0	0.43	ug/L			05/04/16 13:13	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/04/16 13:13	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/04/16 13:13	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/04/16 13:13	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/04/16 13:13	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/04/16 13:13	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/04/16 13:13	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/04/16 13:13	1

Client Sample ID: PAW-4
Date Collected: 04/20/16 15:18
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-37
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/04/16 13:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*05/04/16 13:13*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*05/04/16 13:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*05/04/16 13:13*	*1*

Client Sample ID: RW-1
Date Collected: 04/19/16 09:34
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 15:34	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 15:34	1
Vinyl chloride	**2.5**		1.0	0.50	ug/L			04/29/16 15:34	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 15:34	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 15:34	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 15:34	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 15:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 15:34	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 15:34	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 15:34	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 15:34	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 15:34	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 15:34	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 15:34	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 15:34	1
cis-1,2-Dichloroethene	**8.3**		1.0	0.41	ug/L			04/29/16 15:34	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 15:34	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 15:34	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 15:34	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 15:34	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 15:34	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 15:34	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 15:34	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 15:34	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 15:34	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 15:34	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 15:34	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 15:34	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 15:34	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 15:34	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 15:34	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 15:34	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 15:34	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 15:34	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 15:34	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 15:34	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 15:34	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 15:34	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 15:34	1

Client Sample ID: RW-1
Date Collected: 04/19/16 09:34
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 15:34	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 15:34	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 15:34	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 15:34	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 15:34	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 15:34	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 15:34	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 15:34	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/29/16 15:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/29/16 15:34*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*04/29/16 15:34*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*04/29/16 15:34*	*1*

Client Sample ID: RW-4
Date Collected: 04/19/16 10:28
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 15:55	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 15:55	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 15:55	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 15:55	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 15:55	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 15:55	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 15:55	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 15:55	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 15:55	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 15:55	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 15:55	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 15:55	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 15:55	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 15:55	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.41	ug/L			04/29/16 15:55	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 15:55	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 15:55	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 15:55	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 15:55	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 15:55	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 15:55	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 15:55	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 15:55	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 15:55	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 15:55	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 15:55	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 15:55	1

Client Sample ID: RW-4
Date Collected: 04/19/16 10:28
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 15:55	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 15:55	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 15:55	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 15:55	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 15:55	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 15:55	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 15:55	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 15:55	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 15:55	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 15:55	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 15:55	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 15:55	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 15:55	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 15:55	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 15:55	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 15:55	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 15:55	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 15:55	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 15:55	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/29/16 15:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/29/16 15:55*	*1*
Dibromofluoromethane (Surr)	*88*		*70 - 130*		*04/29/16 15:55*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*		*04/29/16 15:55*	*1*

Client Sample ID: RW-8
Date Collected: 04/21/16 09:45
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/04/16 15:57	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/04/16 15:57	1
Vinyl chloride	**1.2**		1.0	0.50	ug/L			05/04/16 15:57	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/04/16 15:57	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/04/16 15:57	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/04/16 15:57	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/04/16 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/04/16 15:57	1
Acetone	<7.0		10	7.0	ug/L			05/04/16 15:57	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/04/16 15:57	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/04/16 15:57	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/04/16 15:57	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/04/16 15:57	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/04/16 15:57	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/04/16 15:57	1
cis-1,2-Dichloroethene	**2.2**		1.0	0.41	ug/L			05/04/16 15:57	1
2-Butanone	<3.4		10	3.4	ug/L			05/04/16 15:57	1

Client Sample ID: RW-8

Lab Sample ID: 680-124371-40

Date Collected: 04/21/16 09:45

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.50		1.0	0.50	ug/L			05/04/16 15:57	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/04/16 15:57	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/04/16 15:57	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/04/16 15:57	1
Benzene	<0.43		1.0	0.43	ug/L			05/04/16 15:57	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/04/16 15:57	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/04/16 15:57	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/04/16 15:57	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/04/16 15:57	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/04/16 15:57	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/04/16 15:57	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/04/16 15:57	1
Toluene	<0.48		1.0	0.48	ug/L			05/04/16 15:57	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/04/16 15:57	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/04/16 15:57	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/04/16 15:57	1
2-Hexanone	<2.0		10	2.0	ug/L			05/04/16 15:57	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/04/16 15:57	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/04/16 15:57	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/04/16 15:57	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/04/16 15:57	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/04/16 15:57	1
Styrene	<0.27		1.0	0.27	ug/L			05/04/16 15:57	1
Bromoform	<0.43		1.0	0.43	ug/L			05/04/16 15:57	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/04/16 15:57	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/04/16 15:57	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/04/16 15:57	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/04/16 15:57	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/04/16 15:57	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/04/16 15:57	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/04/16 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/04/16 15:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*05/04/16 15:57*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*05/04/16 15:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*05/04/16 15:57*	*1*

Client Sample ID: RW-9

Lab Sample ID: 680-124371-41

Date Collected: 04/20/16 15:59

Matrix: Water

Date Received: 04/21/16 11:47

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/02/16 15:44	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/02/16 15:44	1
Vinyl chloride	**76**		1.0	0.50	ug/L			05/02/16 15:44	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/02/16 15:44	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/02/16 15:44	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/02/16 15:44	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: RW-9
Date Collected: 04/20/16 15:59
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**3.4**		1.0	0.36	ug/L			05/02/16 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/02/16 15:44	1
Acetone	<7.0		10	7.0	ug/L			05/02/16 15:44	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/02/16 15:44	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/02/16 15:44	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/02/16 15:44	1
trans-1,2-Dichloroethene	**0.56**	**J**	1.0	0.37	ug/L			05/02/16 15:44	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/02/16 15:44	1
1,1-Dichloroethane	**1.0**		1.0	0.38	ug/L			05/02/16 15:44	1
cis-1,2-Dichloroethene	**160**		1.0	0.41	ug/L			05/02/16 15:44	1
2-Butanone	<3.4		10	3.4	ug/L			05/02/16 15:44	1
Chloroform	<0.50		1.0	0.50	ug/L			05/02/16 15:44	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/02/16 15:44	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/02/16 15:44	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/02/16 15:44	1
Benzene	<0.43		1.0	0.43	ug/L			05/02/16 15:44	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/02/16 15:44	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/02/16 15:44	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/02/16 15:44	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/02/16 15:44	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/02/16 15:44	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/02/16 15:44	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/02/16 15:44	1
Toluene	<0.48		1.0	0.48	ug/L			05/02/16 15:44	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/02/16 15:44	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/02/16 15:44	1
Tetrachloroethene	<0.74	*	1.0	0.74	ug/L			05/02/16 15:44	1
2-Hexanone	<2.0		10	2.0	ug/L			05/02/16 15:44	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/16 15:44	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/02/16 15:44	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/02/16 15:44	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/02/16 15:44	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/02/16 15:44	1
Styrene	<0.27		1.0	0.27	ug/L			05/02/16 15:44	1
Bromoform	<0.43		1.0	0.43	ug/L			05/02/16 15:44	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/02/16 15:44	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/02/16 15:44	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/02/16 15:44	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/02/16 15:44	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/02/16 15:44	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/02/16 15:44	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/02/16 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/02/16 15:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*05/02/16 15:44*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*05/02/16 15:44*	*1*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*05/02/16 15:44*	*1*

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-U2
Date Collected: 04/20/16 15:58
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/03/16 13:40	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/03/16 13:40	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/03/16 13:40	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/03/16 13:40	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/03/16 13:40	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/03/16 13:40	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/03/16 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/03/16 13:40	1
Acetone	**9.9**	**J**	10	7.0	ug/L			05/03/16 13:40	1
Carbon disulfide	**1.5**	**J**	2.0	1.0	ug/L			05/03/16 13:40	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/03/16 13:40	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/03/16 13:40	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/03/16 13:40	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/03/16 13:40	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/03/16 13:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/03/16 13:40	1
2-Butanone	<3.4		10	3.4	ug/L			05/03/16 13:40	1
Chloroform	<0.50		1.0	0.50	ug/L			05/03/16 13:40	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/03/16 13:40	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/03/16 13:40	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/03/16 13:40	1
Benzene	<0.43		1.0	0.43	ug/L			05/03/16 13:40	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/03/16 13:40	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/03/16 13:40	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/03/16 13:40	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/03/16 13:40	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/03/16 13:40	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/03/16 13:40	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/03/16 13:40	1
Toluene	**1.6**		1.0	0.48	ug/L			05/03/16 13:40	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/03/16 13:40	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/03/16 13:40	1
Tetrachloroethene	<0.74	*	1.0	0.74	ug/L			05/03/16 13:40	1
2-Hexanone	<2.0		10	2.0	ug/L			05/03/16 13:40	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/16 13:40	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/03/16 13:40	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/03/16 13:40	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/03/16 13:40	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/03/16 13:40	1
Styrene	<0.27		1.0	0.27	ug/L			05/03/16 13:40	1
Bromoform	<0.43		1.0	0.43	ug/L			05/03/16 13:40	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/03/16 13:40	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/03/16 13:40	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/03/16 13:40	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/03/16 13:40	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/03/16 13:40	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/03/16 13:40	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/03/16 13:40	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-U2

Date Collected: 04/20/16 15:58
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-42
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*110*		*70 - 130*		*05/03/16 13:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*05/03/16 13:40*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/03/16 13:40*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*05/03/16 13:40*	*1*

Client Sample ID: G-22

Date Collected: 04/20/16 10:07
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/03/16 14:27	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/03/16 14:27	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/03/16 14:27	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/03/16 14:27	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/03/16 14:27	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/03/16 14:27	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/03/16 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/03/16 14:27	1
Acetone	**8.3**	**J**	10	7.0	ug/L			05/03/16 14:27	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/03/16 14:27	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/03/16 14:27	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/03/16 14:27	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/03/16 14:27	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/03/16 14:27	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/03/16 14:27	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/03/16 14:27	1
2-Butanone	<3.4		10	3.4	ug/L			05/03/16 14:27	1
Chloroform	<0.50		1.0	0.50	ug/L			05/03/16 14:27	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/03/16 14:27	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/03/16 14:27	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/03/16 14:27	1
Benzene	<0.43		1.0	0.43	ug/L			05/03/16 14:27	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/03/16 14:27	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/03/16 14:27	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/03/16 14:27	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/03/16 14:27	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/03/16 14:27	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/03/16 14:27	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/03/16 14:27	1
Toluene	**1.7**		1.0	0.48	ug/L			05/03/16 14:27	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/03/16 14:27	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/03/16 14:27	1
Tetrachloroethene	<0.74	*	1.0	0.74	ug/L			05/03/16 14:27	1
2-Hexanone	<2.0		10	2.0	ug/L			05/03/16 14:27	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/16 14:27	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/03/16 14:27	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/03/16 14:27	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/03/16 14:27	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/03/16 14:27	1

Client Sample ID: G-22
Date Collected: 04/20/16 10:07
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.27		1.0	0.27	ug/L			05/03/16 14:27	1
Bromoform	<0.43		1.0	0.43	ug/L			05/03/16 14:27	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/03/16 14:27	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/03/16 14:27	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/03/16 14:27	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/03/16 14:27	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/03/16 14:27	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/03/16 14:27	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/03/16 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*05/03/16 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*05/03/16 14:27*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/03/16 14:27*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*05/03/16 14:27*	*1*

Client Sample ID: Trip Blank
Date Collected: 04/18/16 12:00
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 12:00	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 12:00	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 12:00	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 12:00	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 12:00	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 12:00	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 12:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 12:00	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 12:00	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 12:00	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 12:00	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 12:00	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 12:00	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 12:00	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 12:00	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/28/16 12:00	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 12:00	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 12:00	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 12:00	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 12:00	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 12:00	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 12:00	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 12:00	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 12:00	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 12:00	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 12:00	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 12:00	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 12:00	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: Trip Blank
Date Collected: 04/18/16 12:00
Date Received: 04/21/16 11:47

Lab Sample ID: 680-124371-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 12:00	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 12:00	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 12:00	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 12:00	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 12:00	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 12:00	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 12:00	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 12:00	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 12:00	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 12:00	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 12:00	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 12:00	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 12:00	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 12:00	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 12:00	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 12:00	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 12:00	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 12:00	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 12:00	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/28/16 12:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/28/16 12:00*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/28/16 12:00*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/28/16 12:00*	*1*

Surrogate Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	DBFM	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
680-124371-1	G-17	101	93	98	101
680-124371-2	G-19	102	93	98	101
680-124371-3	MW-2S	101	96	91	111
680-124371-4	MW-2D	97	107	97	121
680-124371-5	MW-4S	96	107	107	100
680-124371-5 - DL	MW-4S	100	100	96	108
680-124371-6	MW-11D	111	96	92	110
680-124371-7	MW-14D	102	93	96	100
680-124371-8	MW-15S	99	94	99	102
680-124371-9	MW-26	102	95	97	103
680-124371-10	MW-29	94	96	98	112
680-124371-11	MW-31	102	92	99	100
680-124371-12	MW-32	102	94	98	101
680-124371-13	MW-33	107	96	92	111
680-124371-14	MW-35	102	95	98	102
680-124371-15	MW-36	100	95	99	101
680-124371-16	MW-37S	101	93	99	102
680-124371-17	MW-38D	100	94	98	102
680-124371-18	MW-39D	98	99	93	107
680-124371-19	MW-40S	106	87	99	85
680-124371-20	MW-41D	100	97	93	111
680-124371-21	MW-42S	102	100	92	111
680-124371-22	MW-43D	104	98	94	115
680-124371-23	MW-44D	102	98	91	111
680-124371-24	MW-45S	102	96	92	120
680-124371-25	MW-46S	101	95	92	111
680-124371-26	MW-47D	99	97	93	111
680-124371-27	MW-48S	103	95	86	111
680-124371-28	MW-49D	100	97	105	84
680-124371-28 - DL	MW-49D	103	102	109	101
680-124371-29	MW-50S	99	104	106	101
680-124371-30	MW-51D	101	92	101	104
680-124371-31	MW-52D	100	96	101	102
680-124371-32	MW-53D	102	98	102	100
680-124371-33	MW-54D	101	98	101	101
680-124371-34	MW-55D	101	92	98	103
680-124371-35	MW-56D	101	96	101	103
680-124371-36	PAW-3	107	81	96	83
680-124371-37	PAW-4	102	90	100	101
680-124371-38	RW-1	100	97	93	110
680-124371-39	RW-4	102	98	88	116
680-124371-40	RW-8	100	91	100	100
680-124371-41	RW-9	107	83	94	84
680-124371-42	MW-U2	110	83	98	87
680-124371-43	G-22	108	82	97	88
680-124371-45	Trip Blank	98	98	92	111
LCS 680-431023/4	Lab Control Sample	103	99	98	112
LCS 680-431194/5	Lab Control Sample	111	101	109	107
LCS 680-431213/5	Lab Control Sample	104	98	98	110

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TOL (70-130)	12DCE (70-130)	DBFM (70-130)	BFB (70-130)
LCS 680-431383/4	Lab Control Sample	104	101	101	102
LCS 680-431426/5	Lab Control Sample	104	95	101	98
LCS 680-431433/4	Lab Control Sample	103	88	104	87
LCS 680-431584/4	Lab Control Sample	100	91	106	89
LCS 680-431757/5	Lab Control Sample	106	89	99	98
LCS 680-431808/4	Lab Control Sample	102	94	103	95
LCSD 680-431023/5	Lab Control Sample Dup	96	100	99	111
LCSD 680-431194/6	Lab Control Sample Dup	93	83	93	87
LCSD 680-431213/7	Lab Control Sample Dup	98	99	100	112
LCSD 680-431383/5	Lab Control Sample Dup	102	101	101	102
LCSD 680-431426/7	Lab Control Sample Dup	104	95	100	96
LCSD 680-431433/5	Lab Control Sample Dup	104	89	105	85
LCSD 680-431584/5	Lab Control Sample Dup	100	91	106	89
LCSD 680-431757/7	Lab Control Sample Dup	105	90	99	96
LCSD 680-431808/5	Lab Control Sample Dup	102	100	107	95
MB 680-431023/9	Method Blank	104	95	93	112
MB 680-431194/10	Method Blank	101	94	99	100
MB 680-431213/10	Method Blank	103	98	92	111
MB 680-431383/10	Method Blank	101	100	105	99
MB 680-431426/10	Method Blank	100	92	99	104
MB 680-431433/9	Method Blank	108	81	97	86
MB 680-431584/9	Method Blank	108	81	96	85
MB 680-431757/10	Method Blank	102	89	100	101
MB 680-431808/9	Method Blank	103	91	99	99

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-431023/9
Matrix: Water
Analysis Batch: 431023

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 11:18	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 11:18	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 11:18	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 11:18	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 11:18	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 11:18	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 11:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 11:18	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 11:18	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 11:18	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 11:18	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 11:18	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 11:18	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 11:18	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 11:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/28/16 11:18	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 11:18	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 11:18	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 11:18	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 11:18	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 11:18	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 11:18	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 11:18	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 11:18	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 11:18	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 11:18	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 11:18	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 11:18	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 11:18	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 11:18	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 11:18	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 11:18	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 11:18	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 11:18	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 11:18	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 11:18	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 11:18	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 11:18	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 11:18	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 11:18	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 11:18	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 11:18	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 11:18	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 11:18	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 11:18	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 11:18	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 11:18	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 11:18	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/28/16 11:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*04/28/16 11:18*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*04/28/16 11:18*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*04/28/16 11:18*	*1*

Lab Sample ID: LCS 680-431023/4
Matrix: Water
Analysis Batch: 431023

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	48.6		ug/L		97	51 - 140
Chloromethane	50.0	49.7		ug/L		99	63 - 126
Vinyl chloride	50.0	46.1		ug/L		92	68 - 132
Bromomethane	50.0	23.2		ug/L		46	20 - 180
Chloroethane	50.0	35.2		ug/L		70	50 - 151
Trichlorofluoromethane	50.0	41.5		ug/L		83	58 - 145
1,1-Dichloroethene	50.0	48.8		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	46.3		ug/L		93	65 - 131
Acetone	250	327		ug/L		131	60 - 154
Carbon disulfide	50.0	49.2		ug/L		98	73 - 127
Methyl acetate	250	311		ug/L		124	66 - 134
Methylene Chloride	50.0	50.6		ug/L		101	76 - 129
trans-1,2-Dichloroethene	50.0	49.8		ug/L		100	78 - 123
Methyl tert-butyl ether	50.0	51.9		ug/L		104	74 - 135
1,1-Dichloroethane	50.0	50.5		ug/L		101	80 - 120
cis-1,2-Dichloroethene	50.0	53.6		ug/L		107	80 - 122
2-Butanone	250	282		ug/L		113	75 - 133
Chloroform	50.0	51.5		ug/L		103	79 - 122
1,1,1-Trichloroethane	50.0	46.9		ug/L		94	74 - 128
Cyclohexane	50.0	51.4		ug/L		103	69 - 130
Carbon tetrachloride	50.0	47.5		ug/L		95	75 - 130
Benzene	50.0	51.2		ug/L		102	73 - 131
1,2-Dichloroethane	50.0	49.3		ug/L		99	75 - 130
Trichloroethene	50.0	47.8		ug/L		96	80 - 123
Methylcyclohexane	50.0	51.6		ug/L		103	75 - 127
1,2-Dichloropropane	50.0	56.4		ug/L		113	80 - 123
Bromodichloromethane	50.0	49.8		ug/L		100	77 - 129
cis-1,3-Dichloropropene	50.0	53.7		ug/L		107	80 - 133
4-Methyl-2-pentanone	250	310		ug/L		124	75 - 135
Toluene	50.0	50.3		ug/L		101	80 - 122
trans-1,3-Dichloropropene	50.0	53.1		ug/L		106	74 - 140
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	79 - 125
Tetrachloroethene	50.0	46.8		ug/L		94	77 - 123
2-Hexanone	250	315		ug/L		126	70 - 141
Dibromochloromethane	50.0	48.9		ug/L		98	71 - 136
1,2-Dibromoethane	50.0	53.2		ug/L		106	77 - 131
Chlorobenzene	50.0	47.9		ug/L		96	80 - 120
Ethylbenzene	50.0	49.6		ug/L		99	80 - 120
Xylenes, Total	100	99.6		ug/L		100	80 - 120
Styrene	50.0	49.4		ug/L		99	80 - 122
Bromoform	50.0	47.7		ug/L		95	69 - 135
Isopropylbenzene	50.0	49.4		ug/L		99	80 - 120
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	72 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431023/4
Matrix: Water
Analysis Batch: 431023

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,3-Dichlorobenzene			50.0	47.8		ug/L		96	80 - 120		
1,4-Dichlorobenzene			50.0	48.4		ug/L		97	80 - 120		
1,2-Dichlorobenzene			50.0	49.6		ug/L		99	80 - 120		
1,2-Dibromo-3-Chloropropane			50.0	52.1		ug/L		104	59 - 141		
1,2,4-Trichlorobenzene			50.0	49.1		ug/L		98	77 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 680-431023/5
Matrix: Water
Analysis Batch: 431023

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane			50.0	50.6		ug/L		101	51 - 140	4	40
Chloromethane			50.0	53.8		ug/L		108	63 - 126	8	30
Vinyl chloride			50.0	49.5		ug/L		99	68 - 132	7	30
Bromomethane			50.0	27.6		ug/L		55	20 - 180	17	40
Chloroethane			50.0	35.0		ug/L		70	50 - 151	1	30
Trichlorofluoromethane			50.0	44.4		ug/L		89	58 - 145	7	30
1,1-Dichloroethene			50.0	50.3		ug/L		101	74 - 125	3	20
1,1,2-Trichloro-1,2,2-trifluoroetha ne			50.0	48.4		ug/L		97	65 - 131	4	30
Acetone			250	335		ug/L		134	60 - 154	2	40
Carbon disulfide			50.0	50.7		ug/L		101	73 - 127	3	20
Methyl acetate			250	326		ug/L		130	66 - 134	5	30
Methylene Chloride			50.0	51.3		ug/L		103	76 - 129	1	20
trans-1,2-Dichloroethene			50.0	50.6		ug/L		101	78 - 123	2	20
Methyl tert-butyl ether			50.0	54.3		ug/L		109	74 - 135	5	20
1,1-Dichloroethane			50.0	49.3		ug/L		99	80 - 120	2	20
cis-1,2-Dichloroethene			50.0	55.4		ug/L		111	80 - 122	3	20
2-Butanone			250	296		ug/L		118	75 - 133	5	30
Chloroform			50.0	52.1		ug/L		104	79 - 122	1	20
1,1,1-Trichloroethane			50.0	48.0		ug/L		96	74 - 128	2	20
Cyclohexane			50.0	52.2		ug/L		104	69 - 130	2	30
Carbon tetrachloride			50.0	47.4		ug/L		95	75 - 130	0	20
Benzene			50.0	49.6		ug/L		99	73 - 131	3	30
1,2-Dichloroethane			50.0	51.0		ug/L		102	75 - 130	3	20
Trichloroethene			50.0	48.3		ug/L		97	80 - 123	1	20
Methylcyclohexane			50.0	52.6		ug/L		105	75 - 127	2	30
1,2-Dichloropropane			50.0	57.5		ug/L		115	80 - 123	2	20
Bromodichloromethane			50.0	50.3		ug/L		101	77 - 129	1	20
cis-1,3-Dichloropropene			50.0	53.2		ug/L		106	80 - 133	1	20
4-Methyl-2-pentanone			250	321		ug/L		128	75 - 135	4	30
Toluene			50.0	47.3		ug/L		95	80 - 122	6	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431023/5
Matrix: Water
Analysis Batch: 431023

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	52.0		ug/L		104	74 - 140	2	20
1,1,2-Trichloroethane			50.0	49.4		ug/L		99	79 - 125	4	20
Tetrachloroethene			50.0	43.9		ug/L		88	77 - 123	6	20
2-Hexanone			250	324		ug/L		130	70 - 141	3	40
Dibromochloromethane			50.0	46.9		ug/L		94	71 - 136	4	20
1,2-Dibromoethane			50.0	52.3		ug/L		105	77 - 131	2	30
Chlorobenzene			50.0	47.6		ug/L		95	80 - 120	1	20
Ethylbenzene			50.0	49.7		ug/L		99	80 - 120	0	20
Xylenes, Total			100	100		ug/L		100	80 - 120	1	20
Styrene			50.0	50.2		ug/L		100	80 - 122	2	20
Bromoform			50.0	48.0		ug/L		96	69 - 135	1	20
Isopropylbenzene			50.0	49.8		ug/L		100	80 - 120	1	20
1,1,2,2-Tetrachloroethane			50.0	50.7		ug/L		101	72 - 128	1	20
1,3-Dichlorobenzene			50.0	48.7		ug/L		97	80 - 120	2	20
1,4-Dichlorobenzene			50.0	48.5		ug/L		97	80 - 120	0	20
1,2-Dichlorobenzene			50.0	47.2		ug/L		94	80 - 120	5	20
1,2-Dibromo-3-Chloropropane			50.0	50.0		ug/L		100	59 - 141	4	30
1,2,4-Trichlorobenzene			50.0	47.2		ug/L		94	77 - 131	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 680-431194/10
Matrix: Water
Analysis Batch: 431194

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/28/16 23:58	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/28/16 23:58	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/28/16 23:58	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/28/16 23:58	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/28/16 23:58	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/28/16 23:58	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/28/16 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/28/16 23:58	1
Acetone	<7.0		10	7.0	ug/L			04/28/16 23:58	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/28/16 23:58	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/28/16 23:58	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/28/16 23:58	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/28/16 23:58	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/28/16 23:58	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/28/16 23:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/28/16 23:58	1
2-Butanone	<3.4		10	3.4	ug/L			04/28/16 23:58	1
Chloroform	<0.50		1.0	0.50	ug/L			04/28/16 23:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431194/10
Matrix: Water
Analysis Batch: 431194

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/28/16 23:58	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/28/16 23:58	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/28/16 23:58	1
Benzene	<0.43		1.0	0.43	ug/L			04/28/16 23:58	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/28/16 23:58	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/28/16 23:58	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/28/16 23:58	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/28/16 23:58	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/28/16 23:58	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/28/16 23:58	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/28/16 23:58	1
Toluene	<0.48		1.0	0.48	ug/L			04/28/16 23:58	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/28/16 23:58	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/28/16 23:58	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/28/16 23:58	1
2-Hexanone	<2.0		10	2.0	ug/L			04/28/16 23:58	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/28/16 23:58	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/28/16 23:58	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/28/16 23:58	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/28/16 23:58	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/28/16 23:58	1
Styrene	<0.27		1.0	0.27	ug/L			04/28/16 23:58	1
Bromoform	<0.43		1.0	0.43	ug/L			04/28/16 23:58	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/28/16 23:58	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/28/16 23:58	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/28/16 23:58	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/28/16 23:58	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/28/16 23:58	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/28/16 23:58	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/28/16 23:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/28/16 23:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*04/28/16 23:58*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/28/16 23:58*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/28/16 23:58*	*1*

Lab Sample ID: LCS 680-431194/5
Matrix: Water
Analysis Batch: 431194

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	65.3		ug/L		131	51 - 140
Chloromethane	50.0	59.1		ug/L		118	63 - 126
Vinyl chloride	50.0	64.1		ug/L		128	68 - 132
Bromomethane	50.0	43.8		ug/L		88	20 - 180
Chloroethane	50.0	56.4		ug/L		113	50 - 151
Trichlorofluoromethane	50.0	60.4		ug/L		121	58 - 145

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431194/5
Matrix: Water
Analysis Batch: 431194

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	55.3		ug/L		111	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	57.7		ug/L		115	65 - 131
Acetone	250	239		ug/L		96	60 - 154
Carbon disulfide	50.0	61.3		ug/L		123	73 - 127
Methyl acetate	250	260		ug/L		104	66 - 134
Methylene Chloride	50.0	54.2		ug/L		108	76 - 129
trans-1,2-Dichloroethene	50.0	57.9		ug/L		116	78 - 123
Methyl tert-butyl ether	50.0	52.6		ug/L		105	74 - 135
1,1-Dichloroethane	50.0	53.5		ug/L		107	80 - 120
cis-1,2-Dichloroethene	50.0	54.5		ug/L		109	80 - 122
2-Butanone	250	252		ug/L		101	75 - 133
Chloroform	50.0	55.3		ug/L		111	79 - 122
1,1,1-Trichloroethane	50.0	57.9		ug/L		116	74 - 128
Cyclohexane	50.0	58.2		ug/L		116	69 - 130
Carbon tetrachloride	50.0	63.5		ug/L		127	75 - 130
Benzene	50.0	54.3		ug/L		109	73 - 131
1,2-Dichloroethane	50.0	51.8		ug/L		104	75 - 130
Trichloroethene	50.0	57.1		ug/L		114	80 - 123
Methylcyclohexane	50.0	58.4		ug/L		117	75 - 127
1,2-Dichloropropane	50.0	53.7		ug/L		107	80 - 123
Bromodichloromethane	50.0	58.0		ug/L		116	77 - 129
cis-1,3-Dichloropropene	50.0	59.7		ug/L		119	80 - 133
4-Methyl-2-pentanone	250	264		ug/L		106	75 - 135
Toluene	50.0	54.2		ug/L		108	80 - 122
trans-1,3-Dichloropropene	50.0	58.4		ug/L		117	74 - 140
1,1,2-Trichloroethane	50.0	53.1		ug/L		106	79 - 125
Tetrachloroethene	50.0	58.0		ug/L		116	77 - 123
2-Hexanone	250	270		ug/L		108	70 - 141
Dibromochloromethane	50.0	61.5		ug/L		123	71 - 136
1,2-Dibromoethane	50.0	55.6		ug/L		111	77 - 131
Chlorobenzene	50.0	54.1		ug/L		108	80 - 120
Ethylbenzene	50.0	55.6		ug/L		111	80 - 120
Xylenes, Total	100	111		ug/L		111	80 - 120
Styrene	50.0	56.7		ug/L		113	80 - 122
Bromoform	50.0	56.9		ug/L		114	69 - 135
Isopropylbenzene	50.0	58.1		ug/L		116	80 - 120
1,1,2,2-Tetrachloroethane	50.0	54.2		ug/L		108	72 - 128
1,3-Dichlorobenzene	50.0	54.3		ug/L		109	80 - 120
1,4-Dichlorobenzene	50.0	54.6		ug/L		109	80 - 120
1,2-Dichlorobenzene	50.0	54.7		ug/L		109	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	62.6		ug/L		125	59 - 141
1,2,4-Trichlorobenzene	50.0	57.4		ug/L		115	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431194/5
Matrix: Water
Analysis Batch: 431194

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 680-431194/6
Matrix: Water
Analysis Batch: 431194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane			50.0	52.8		ug/L		106	51 - 140	21	40
Chloromethane			50.0	48.1		ug/L		96	63 - 126	20	30
Vinyl chloride			50.0	53.7		ug/L		107	68 - 132	18	30
Bromomethane			50.0	38.5		ug/L		77	20 - 180	13	40
Chloroethane			50.0	47.6		ug/L		95	50 - 151	17	30
Trichlorofluoromethane			50.0	47.9		ug/L		96	58 - 145	23	30
1,1-Dichloroethene			50.0	45.8		ug/L		92	74 - 125	19	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.1		ug/L		94	65 - 131	20	30
Acetone			250	206		ug/L		82	60 - 154	15	40
Carbon disulfide			50.0	50.8		ug/L		102	73 - 127	19	20
Methyl acetate			250	216		ug/L		86	66 - 134	18	30
Methylene Chloride			50.0	45.4		ug/L		91	76 - 129	18	20
trans-1,2-Dichloroethene			50.0	47.9		ug/L		96	78 - 123	19	20
Methyl tert-butyl ether			50.0	43.6		ug/L		87	74 - 135	19	20
1,1-Dichloroethane			50.0	44.1		ug/L		88	80 - 120	19	20
cis-1,2-Dichloroethene			50.0	45.1		ug/L		90	80 - 122	19	20
2-Butanone			250	220		ug/L		88	75 - 133	13	30
Chloroform			50.0	45.6		ug/L		91	79 - 122	19	20
1,1,1-Trichloroethane			50.0	48.4		ug/L		97	74 - 128	18	20
Cyclohexane			50.0	46.7		ug/L		93	69 - 130	22	30
Carbon tetrachloride			50.0	52.0		ug/L		104	75 - 130	20	20
Benzene			50.0	45.1		ug/L		90	73 - 131	19	30
1,2-Dichloroethane			50.0	42.6		ug/L		85	75 - 130	19	20
Trichloroethene			50.0	47.4		ug/L		95	80 - 123	19	20
Methylcyclohexane			50.0	46.3		ug/L		93	75 - 127	23	30
1,2-Dichloropropane			50.0	45.2		ug/L		90	80 - 123	17	20
Bromodichloromethane			50.0	48.0		ug/L		96	77 - 129	19	20
cis-1,3-Dichloropropene			50.0	49.8		ug/L		100	80 - 133	18	20
4-Methyl-2-pentanone			250	221		ug/L		89	75 - 135	18	30
Toluene			50.0	45.4		ug/L		91	80 - 122	18	20
trans-1,3-Dichloropropene			50.0	48.2		ug/L		96	74 - 140	19	20
1,1,2-Trichloroethane			50.0	44.2		ug/L		88	79 - 125	18	20
Tetrachloroethene			50.0	48.1		ug/L		96	77 - 123	19	20
2-Hexanone			250	226		ug/L		91	70 - 141	18	40
Dibromochloromethane			50.0	51.0		ug/L		102	71 - 136	19	20
1,2-Dibromoethane			50.0	47.6		ug/L		95	77 - 131	16	30
Chlorobenzene			50.0	45.8		ug/L		92	80 - 120	17	20
Ethylbenzene			50.0	46.4		ug/L		93	80 - 120	18	20
Xylenes, Total			100	91.8		ug/L		92	80 - 120	19	20
Styrene			50.0	47.8		ug/L		96	80 - 122	17	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431194/6
Matrix: Water
Analysis Batch: 431194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	50.0	47.4		ug/L		95	69 - 135	18	20
Isopropylbenzene	50.0	48.5		ug/L		97	80 - 120	18	20
1,1,2,2-Tetrachloroethane	50.0	44.5		ug/L		89	72 - 128	20	20
1,3-Dichlorobenzene	50.0	45.0		ug/L		90	80 - 120	19	20
1,4-Dichlorobenzene	50.0	44.6		ug/L		89	80 - 120	20	20
1,2-Dichlorobenzene	50.0	44.9		ug/L		90	80 - 120	20	20
1,2-Dibromo-3-Chloropropane	50.0	51.7		ug/L		103	59 - 141	19	30
1,2,4-Trichlorobenzene	50.0	48.0		ug/L		96	77 - 131	18	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 680-431213/10
Matrix: Water
Analysis Batch: 431213

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/29/16 11:21	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/29/16 11:21	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/29/16 11:21	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/29/16 11:21	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/29/16 11:21	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/29/16 11:21	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/29/16 11:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/29/16 11:21	1
Acetone	<7.0		10	7.0	ug/L			04/29/16 11:21	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/29/16 11:21	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/29/16 11:21	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/29/16 11:21	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/29/16 11:21	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/29/16 11:21	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/29/16 11:21	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/29/16 11:21	1
2-Butanone	<3.4		10	3.4	ug/L			04/29/16 11:21	1
Chloroform	<0.50		1.0	0.50	ug/L			04/29/16 11:21	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/29/16 11:21	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/29/16 11:21	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/29/16 11:21	1
Benzene	<0.43		1.0	0.43	ug/L			04/29/16 11:21	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/29/16 11:21	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/29/16 11:21	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/29/16 11:21	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/29/16 11:21	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/29/16 11:21	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/29/16 11:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431213/10
Matrix: Water
Analysis Batch: 431213

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/29/16 11:21	1
Toluene	<0.48		1.0	0.48	ug/L			04/29/16 11:21	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/29/16 11:21	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/29/16 11:21	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/29/16 11:21	1
2-Hexanone	<2.0		10	2.0	ug/L			04/29/16 11:21	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/29/16 11:21	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/29/16 11:21	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/29/16 11:21	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/29/16 11:21	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/29/16 11:21	1
Styrene	<0.27		1.0	0.27	ug/L			04/29/16 11:21	1
Bromoform	<0.43		1.0	0.43	ug/L			04/29/16 11:21	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/29/16 11:21	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/29/16 11:21	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/29/16 11:21	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/29/16 11:21	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/29/16 11:21	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/29/16 11:21	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/29/16 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/29/16 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/29/16 11:21*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*04/29/16 11:21*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/29/16 11:21*	*1*

Lab Sample ID: LCS 680-431213/5
Matrix: Water
Analysis Batch: 431213

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	30.4		ug/L		61	51 - 140
Chloromethane	50.0	42.3		ug/L		85	63 - 126
Vinyl chloride	50.0	45.4		ug/L		91	68 - 132
Bromomethane	50.0	18.7		ug/L		37	20 - 180
Chloroethane	50.0	32.5		ug/L		65	50 - 151
Trichlorofluoromethane	50.0	40.7		ug/L		81	58 - 145
1,1-Dichloroethene	50.0	45.5		ug/L		91	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	42.5		ug/L		85	65 - 131
Acetone	250	295		ug/L		118	60 - 154
Carbon disulfide	50.0	45.2		ug/L		90	73 - 127
Methyl acetate	250	296		ug/L		118	66 - 134
Methylene Chloride	50.0	46.0		ug/L		92	76 - 129
trans-1,2-Dichloroethene	50.0	46.2		ug/L		92	78 - 123
Methyl tert-butyl ether	50.0	50.5		ug/L		101	74 - 135
1,1-Dichloroethane	50.0	52.4		ug/L		105	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431213/5
Matrix: Water
Analysis Batch: 431213

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	54.0		ug/L		108	80 - 122
2-Butanone	250	292		ug/L		117	75 - 133
Chloroform	50.0	53.5		ug/L		107	79 - 122
1,1,1-Trichloroethane	50.0	47.7		ug/L		95	74 - 128
Cyclohexane	50.0	51.0		ug/L		102	69 - 130
Carbon tetrachloride	50.0	47.5		ug/L		95	75 - 130
Benzene	50.0	50.9		ug/L		102	73 - 131
1,2-Dichloroethane	50.0	49.0		ug/L		98	75 - 130
Trichloroethene	50.0	48.5		ug/L		97	80 - 123
Methylcyclohexane	50.0	52.0		ug/L		104	75 - 127
1,2-Dichloropropane	50.0	54.7		ug/L		109	80 - 123
Bromodichloromethane	50.0	50.1		ug/L		100	77 - 129
cis-1,3-Dichloropropene	50.0	53.1		ug/L		106	80 - 133
4-Methyl-2-pentanone	250	312		ug/L		125	75 - 135
Toluene	50.0	49.8		ug/L		100	80 - 122
trans-1,3-Dichloropropene	50.0	54.6		ug/L		109	74 - 140
1,1,2-Trichloroethane	50.0	51.2		ug/L		102	79 - 125
Tetrachloroethene	50.0	45.9		ug/L		92	77 - 123
2-Hexanone	250	322		ug/L		129	70 - 141
Dibromochloromethane	50.0	48.8		ug/L		98	71 - 136
1,2-Dibromoethane	50.0	51.6		ug/L		103	77 - 131
Chlorobenzene	50.0	48.7		ug/L		97	80 - 120
Ethylbenzene	50.0	50.7		ug/L		101	80 - 120
Xylenes, Total	100	102		ug/L		102	80 - 120
Styrene	50.0	49.2		ug/L		98	80 - 122
Bromoform	50.0	46.2		ug/L		92	69 - 135
Isopropylbenzene	50.0	49.8		ug/L		100	80 - 120
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/L		102	72 - 128
1,3-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 120
1,4-Dichlorobenzene	50.0	48.7		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/L		102	59 - 141
1,2,4-Trichlorobenzene	50.0	50.1		ug/L		100	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 680-431213/7
Matrix: Water
Analysis Batch: 431213

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	41.4		ug/L		83	51 - 140	31	40
Chloromethane	50.0	48.9		ug/L		98	63 - 126	15	30
Vinyl chloride	50.0	45.4		ug/L		91	68 - 132	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431213/7
Matrix: Water
Analysis Batch: 431213

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	25.1		ug/L		50	20 - 180	29	40
Chloroethane	50.0	34.5		ug/L		69	50 - 151	6	30
Trichlorofluoromethane	50.0	39.6		ug/L		79	58 - 145	3	30
1,1-Dichloroethene	50.0	46.9		ug/L		94	74 - 125	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.9		ug/L		92	65 - 131	8	30
Acetone	250	267		ug/L		107	60 - 154	10	40
Carbon disulfide	50.0	44.9		ug/L		90	73 - 127	1	20
Methyl acetate	250	287		ug/L		115	66 - 134	3	30
Methylene Chloride	50.0	46.6		ug/L		93	76 - 129	1	20
trans-1,2-Dichloroethene	50.0	45.0		ug/L		90	78 - 123	3	20
Methyl tert-butyl ether	50.0	48.8		ug/L		98	74 - 135	4	20
1,1-Dichloroethane	50.0	51.9		ug/L		104	80 - 120	1	20
cis-1,2-Dichloroethene	50.0	54.4		ug/L		109	80 - 122	1	20
2-Butanone	250	272		ug/L		109	75 - 133	7	30
Chloroform	50.0	52.9		ug/L		106	79 - 122	1	20
1,1,1-Trichloroethane	50.0	48.8		ug/L		98	74 - 128	2	20
Cyclohexane	50.0	50.7		ug/L		101	69 - 130	1	30
Carbon tetrachloride	50.0	47.9		ug/L		96	75 - 130	1	20
Benzene	50.0	51.9		ug/L		104	73 - 131	2	30
1,2-Dichloroethane	50.0	49.5		ug/L		99	75 - 130	1	20
Trichloroethene	50.0	47.9		ug/L		96	80 - 123	1	20
Methylcyclohexane	50.0	51.8		ug/L		104	75 - 127	0	30
1,2-Dichloropropane	50.0	54.9		ug/L		110	80 - 123	0	20
Bromodichloromethane	50.0	50.2		ug/L		100	77 - 129	0	20
cis-1,3-Dichloropropene	50.0	53.3		ug/L		107	80 - 133	0	20
4-Methyl-2-pentanone	250	304		ug/L		121	75 - 135	3	30
Toluene	50.0	46.8		ug/L		94	80 - 122	6	20
trans-1,3-Dichloropropene	50.0	53.3		ug/L		107	74 - 140	2	20
1,1,2-Trichloroethane	50.0	50.6		ug/L		101	79 - 125	1	20
Tetrachloroethene	50.0	47.0		ug/L		94	77 - 123	2	20
2-Hexanone	250	312		ug/L		125	70 - 141	3	40
Dibromochloromethane	50.0	48.3		ug/L		97	71 - 136	1	20
1,2-Dibromoethane	50.0	51.1		ug/L		102	77 - 131	1	30
Chlorobenzene	50.0	48.5		ug/L		97	80 - 120	0	20
Ethylbenzene	50.0	50.8		ug/L		102	80 - 120	0	20
Xylenes, Total	100	102		ug/L		102	80 - 120	0	20
Styrene	50.0	49.4		ug/L		99	80 - 122	1	20
Bromoform	50.0	45.3		ug/L		91	69 - 135	2	20
Isopropylbenzene	50.0	49.4		ug/L		99	80 - 120	1	20
1,1,2,2-Tetrachloroethane	50.0	50.5		ug/L		101	72 - 128	1	20
1,3-Dichlorobenzene	50.0	50.3		ug/L		101	80 - 120	2	20
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	80 - 120	1	20
1,2-Dichlorobenzene	50.0	48.5		ug/L		97	80 - 120	1	20
1,2-Dibromo-3-Chloropropane	50.0	49.7		ug/L		99	59 - 141	2	30
1,2,4-Trichlorobenzene	50.0	44.6		ug/L		89	77 - 131	12	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431213/7
Matrix: Water
Analysis Batch: 431213

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: MB 680-431383/10
Matrix: Water
Analysis Batch: 431383

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			04/30/16 13:15	1
Chloromethane	<0.40		1.0	0.40	ug/L			04/30/16 13:15	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			04/30/16 13:15	1
Bromomethane	<2.5		5.0	2.5	ug/L			04/30/16 13:15	1
Chloroethane	<2.5		5.0	2.5	ug/L			04/30/16 13:15	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			04/30/16 13:15	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			04/30/16 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			04/30/16 13:15	1
Acetone	<7.0		10	7.0	ug/L			04/30/16 13:15	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			04/30/16 13:15	1
Methyl acetate	<1.8		5.0	1.8	ug/L			04/30/16 13:15	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			04/30/16 13:15	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			04/30/16 13:15	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			04/30/16 13:15	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			04/30/16 13:15	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/30/16 13:15	1
2-Butanone	<3.4		10	3.4	ug/L			04/30/16 13:15	1
Chloroform	<0.50		1.0	0.50	ug/L			04/30/16 13:15	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			04/30/16 13:15	1
Cyclohexane	<0.39		1.0	0.39	ug/L			04/30/16 13:15	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			04/30/16 13:15	1
Benzene	<0.43		1.0	0.43	ug/L			04/30/16 13:15	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			04/30/16 13:15	1
Trichloroethene	<0.48		1.0	0.48	ug/L			04/30/16 13:15	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			04/30/16 13:15	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			04/30/16 13:15	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			04/30/16 13:15	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			04/30/16 13:15	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			04/30/16 13:15	1
Toluene	<0.48		1.0	0.48	ug/L			04/30/16 13:15	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/30/16 13:15	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			04/30/16 13:15	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			04/30/16 13:15	1
2-Hexanone	<2.0		10	2.0	ug/L			04/30/16 13:15	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			04/30/16 13:15	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			04/30/16 13:15	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			04/30/16 13:15	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			04/30/16 13:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431383/10
Matrix: Water
Analysis Batch: 431383

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.23		1.0	0.23	ug/L			04/30/16 13:15	1
Styrene	<0.27		1.0	0.27	ug/L			04/30/16 13:15	1
Bromoform	<0.43		1.0	0.43	ug/L			04/30/16 13:15	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			04/30/16 13:15	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			04/30/16 13:15	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			04/30/16 13:15	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			04/30/16 13:15	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			04/30/16 13:15	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			04/30/16 13:15	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			04/30/16 13:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/30/16 13:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/30/16 13:15*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*04/30/16 13:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/30/16 13:15*	*1*

Lab Sample ID: LCS 680-431383/4
Matrix: Water
Analysis Batch: 431383

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	57.9		ug/L		116	51 - 140
Chloromethane	50.0	57.3		ug/L		115	63 - 126
Vinyl chloride	50.0	53.9		ug/L		108	68 - 132
Bromomethane	50.0	54.3		ug/L		109	20 - 180
Chloroethane	50.0	50.3		ug/L		101	50 - 151
Trichlorofluoromethane	50.0	54.0		ug/L		108	58 - 145
1,1-Dichloroethene	50.0	51.3		ug/L		103	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.5		ug/L		109	65 - 131
Acetone	250	245		ug/L		98	60 - 154
Carbon disulfide	50.0	49.8		ug/L		100	73 - 127
Methyl acetate	250	258		ug/L		103	66 - 134
Methylene Chloride	50.0	52.7		ug/L		105	76 - 129
trans-1,2-Dichloroethene	50.0	50.9		ug/L		102	78 - 123
Methyl tert-butyl ether	50.0	54.2		ug/L		108	74 - 135
1,1-Dichloroethane	50.0	52.0		ug/L		104	80 - 120
cis-1,2-Dichloroethene	50.0	50.2		ug/L		100	80 - 122
2-Butanone	250	270		ug/L		108	75 - 133
Chloroform	50.0	49.0		ug/L		98	79 - 122
1,1,1-Trichloroethane	50.0	53.0		ug/L		106	74 - 128
Cyclohexane	50.0	56.7		ug/L		113	69 - 130
Carbon tetrachloride	50.0	53.7		ug/L		107	75 - 130
Benzene	50.0	52.2		ug/L		104	73 - 131
1,2-Dichloroethane	50.0	51.3		ug/L		103	75 - 130
Trichloroethene	50.0	51.2		ug/L		102	80 - 123
Methylcyclohexane	50.0	58.0		ug/L		116	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431383/4
Matrix: Water
Analysis Batch: 431383

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	50.0	52.0		ug/L		104	80 - 123
Bromodichloromethane	50.0	51.0		ug/L		102	77 - 129
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	80 - 133
4-Methyl-2-pentanone	250	279		ug/L		112	75 - 135
Toluene	50.0	53.2		ug/L		106	80 - 122
trans-1,3-Dichloropropene	50.0	54.7		ug/L		109	74 - 140
1,1,2-Trichloroethane	50.0	52.7		ug/L		105	79 - 125
Tetrachloroethene	50.0	53.1		ug/L		106	77 - 123
2-Hexanone	250	257		ug/L		103	70 - 141
Dibromochloromethane	50.0	52.6		ug/L		105	71 - 136
1,2-Dibromoethane	50.0	53.8		ug/L		108	77 - 131
Chlorobenzene	50.0	50.5		ug/L		101	80 - 120
Ethylbenzene	50.0	53.6		ug/L		107	80 - 120
Xylenes, Total	100	109		ug/L		109	80 - 120
Styrene	50.0	50.3		ug/L		101	80 - 122
Bromoform	50.0	50.1		ug/L		100	69 - 135
Isopropylbenzene	50.0	55.4		ug/L		111	80 - 120
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	72 - 128
1,3-Dichlorobenzene	50.0	52.1		ug/L		104	80 - 120
1,4-Dichlorobenzene	50.0	49.2		ug/L		98	80 - 120
1,2-Dichlorobenzene	50.0	50.6		ug/L		101	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/L		95	59 - 141
1,2,4-Trichlorobenzene	50.0	54.2		ug/L		108	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 680-431383/5
Matrix: Water
Analysis Batch: 431383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	56.0		ug/L		112	51 - 140	3	40
Chloromethane	50.0	57.3		ug/L		115	63 - 126	0	30
Vinyl chloride	50.0	52.1		ug/L		104	68 - 132	4	30
Bromomethane	50.0	54.2		ug/L		108	20 - 180	0	40
Chloroethane	50.0	49.3		ug/L		99	50 - 151	2	30
Trichlorofluoromethane	50.0	53.5		ug/L		107	58 - 145	1	30
1,1-Dichloroethene	50.0	51.0		ug/L		102	74 - 125	1	20
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	54.8		ug/L		110	65 - 131	1	30
Acetone	250	245		ug/L		98	60 - 154	0	40
Carbon disulfide	50.0	49.0		ug/L		98	73 - 127	2	20
Methyl acetate	250	264		ug/L		106	66 - 134	3	30
Methylene Chloride	50.0	52.2		ug/L		104	76 - 129	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431383/5
Matrix: Water
Analysis Batch: 431383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			50.0	50.3		ug/L		101	78 - 123	1	20
Methyl tert-butyl ether			50.0	55.7		ug/L		111	74 - 135	3	20
1,1-Dichloroethane			50.0	51.6		ug/L		103	80 - 120	1	20
cis-1,2-Dichloroethene			50.0	50.4		ug/L		101	80 - 122	0	20
2-Butanone			250	287		ug/L		115	75 - 133	6	30
Chloroform			50.0	49.1		ug/L		98	79 - 122	0	20
1,1,1-Trichloroethane			50.0	52.2		ug/L		104	74 - 128	2	20
Cyclohexane			50.0	54.4		ug/L		109	69 - 130	4	30
Carbon tetrachloride			50.0	52.4		ug/L		105	75 - 130	2	20
Benzene			50.0	52.1		ug/L		104	73 - 131	0	30
1,2-Dichloroethane			50.0	51.8		ug/L		104	75 - 130	1	20
Trichloroethene			50.0	51.2		ug/L		102	80 - 123	0	20
Methylcyclohexane			50.0	56.7		ug/L		113	75 - 127	2	30
1,2-Dichloropropane			50.0	52.4		ug/L		105	80 - 123	1	20
Bromodichloromethane			50.0	51.4		ug/L		103	77 - 129	1	20
cis-1,3-Dichloropropene			50.0	53.6		ug/L		107	80 - 133	2	20
4-Methyl-2-pentanone			250	285		ug/L		114	75 - 135	2	30
Toluene			50.0	52.3		ug/L		105	80 - 122	2	20
trans-1,3-Dichloropropene			50.0	55.3		ug/L		111	74 - 140	1	20
1,1,2-Trichloroethane			50.0	53.2		ug/L		106	79 - 125	1	20
Tetrachloroethene			50.0	51.8		ug/L		104	77 - 123	2	20
2-Hexanone			250	265		ug/L		106	70 - 141	3	40
Dibromochloromethane			50.0	53.3		ug/L		107	71 - 136	1	20
1,2-Dibromoethane			50.0	54.8		ug/L		110	77 - 131	2	30
Chlorobenzene			50.0	50.8		ug/L		102	80 - 120	0	20
Ethylbenzene			50.0	53.2		ug/L		106	80 - 120	1	20
Xylenes, Total			100	110		ug/L		110	80 - 120	1	20
Styrene			50.0	50.4		ug/L		101	80 - 122	0	20
Bromoform			50.0	51.7		ug/L		103	69 - 135	3	20
Isopropylbenzene			50.0	55.9		ug/L		112	80 - 120	1	20
1,1,2,2-Tetrachloroethane			50.0	55.5		ug/L		111	72 - 128	3	20
1,3-Dichlorobenzene			50.0	52.1		ug/L		104	80 - 120	0	20
1,4-Dichlorobenzene			50.0	49.0		ug/L		98	80 - 120	0	20
1,2-Dichlorobenzene			50.0	51.4		ug/L		103	80 - 120	2	20
1,2-Dibromo-3-Chloropropane			50.0	48.4		ug/L		97	59 - 141	2	30
1,2,4-Trichlorobenzene			50.0	54.2		ug/L		108	77 - 131	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431426/10
Matrix: Water
Analysis Batch: 431426

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/02/16 11:47	1
Chloromethane	0.785	J	1.0	0.40	ug/L			05/02/16 11:47	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/02/16 11:47	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/02/16 11:47	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/02/16 11:47	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/02/16 11:47	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/02/16 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/02/16 11:47	1
Acetone	<7.0		10	7.0	ug/L			05/02/16 11:47	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/02/16 11:47	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/02/16 11:47	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/02/16 11:47	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/02/16 11:47	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/02/16 11:47	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/02/16 11:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/02/16 11:47	1
2-Butanone	<3.4		10	3.4	ug/L			05/02/16 11:47	1
Chloroform	<0.50		1.0	0.50	ug/L			05/02/16 11:47	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/02/16 11:47	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/02/16 11:47	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/02/16 11:47	1
Benzene	<0.43		1.0	0.43	ug/L			05/02/16 11:47	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/02/16 11:47	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/02/16 11:47	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/02/16 11:47	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/02/16 11:47	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/02/16 11:47	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/02/16 11:47	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/02/16 11:47	1
Toluene	<0.48		1.0	0.48	ug/L			05/02/16 11:47	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/02/16 11:47	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/02/16 11:47	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/02/16 11:47	1
2-Hexanone	<2.0		10	2.0	ug/L			05/02/16 11:47	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/16 11:47	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/02/16 11:47	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/02/16 11:47	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/02/16 11:47	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/02/16 11:47	1
Styrene	<0.27		1.0	0.27	ug/L			05/02/16 11:47	1
Bromoform	<0.43		1.0	0.43	ug/L			05/02/16 11:47	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/02/16 11:47	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/02/16 11:47	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/02/16 11:47	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/02/16 11:47	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/02/16 11:47	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/02/16 11:47	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/02/16 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/02/16 11:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*05/02/16 11:47*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*05/02/16 11:47*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*05/02/16 11:47*	*1*

Lab Sample ID: LCS 680-431426/5
Matrix: Water
Analysis Batch: 431426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	56.4		ug/L		113	51 - 140
Chloromethane	50.0	50.4		ug/L		101	63 - 126
Vinyl chloride	50.0	53.6		ug/L		107	68 - 132
Bromomethane	50.0	40.1		ug/L		80	20 - 180
Chloroethane	50.0	49.1		ug/L		98	50 - 151
Trichlorofluoromethane	50.0	51.3		ug/L		103	58 - 145
1,1-Dichloroethene	50.0	49.9		ug/L		100	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	52.8		ug/L		106	65 - 131
Acetone	250	237		ug/L		95	60 - 154
Carbon disulfide	50.0	51.0		ug/L		102	73 - 127
Methyl acetate	250	247		ug/L		99	66 - 134
Methylene Chloride	50.0	53.2		ug/L		106	76 - 129
trans-1,2-Dichloroethene	50.0	53.3		ug/L		107	78 - 123
Methyl tert-butyl ether	50.0	51.4		ug/L		103	74 - 135
1,1-Dichloroethane	50.0	50.8		ug/L		102	80 - 120
cis-1,2-Dichloroethene	50.0	50.2		ug/L		100	80 - 122
2-Butanone	250	249		ug/L		100	75 - 133
Chloroform	50.0	47.4		ug/L		95	79 - 122
1,1,1-Trichloroethane	50.0	52.0		ug/L		104	74 - 128
Cyclohexane	50.0	55.4		ug/L		111	69 - 130
Carbon tetrachloride	50.0	54.8		ug/L		110	75 - 130
Benzene	50.0	52.5		ug/L		105	73 - 131
1,2-Dichloroethane	50.0	48.1		ug/L		96	75 - 130
Trichloroethene	50.0	54.1		ug/L		108	80 - 123
Methylcyclohexane	50.0	57.5		ug/L		115	75 - 127
1,2-Dichloropropane	50.0	53.1		ug/L		106	80 - 123
Bromodichloromethane	50.0	49.8		ug/L		100	77 - 129
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	80 - 133
4-Methyl-2-pentanone	250	262		ug/L		105	75 - 135
Toluene	50.0	53.7		ug/L		107	80 - 122
trans-1,3-Dichloropropene	50.0	52.2		ug/L		104	74 - 140
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	79 - 125
Tetrachloroethene	50.0	56.1		ug/L		112	77 - 123
2-Hexanone	250	246		ug/L		98	70 - 141
Dibromochloromethane	50.0	51.4		ug/L		103	71 - 136
1,2-Dibromoethane	50.0	53.7		ug/L		107	77 - 131
Chlorobenzene	50.0	50.3		ug/L		101	80 - 120
Ethylbenzene	50.0	51.6		ug/L		103	80 - 120
Xylenes, Total	100	106		ug/L		106	80 - 120
Styrene	50.0	50.5		ug/L		101	80 - 122
Bromoform	50.0	51.1		ug/L		102	69 - 135
Isopropylbenzene	50.0	55.1		ug/L		110	80 - 120
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/L		103	72 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431426/5
Matrix: Water
Analysis Batch: 431426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	50.4		ug/L		101	80 - 120
1,4-Dichlorobenzene	50.0	48.5		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	51.0		ug/L		102	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	46.4		ug/L		93	59 - 141
1,2,4-Trichlorobenzene	50.0	53.3		ug/L		107	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 680-431426/7
Matrix: Water
Analysis Batch: 431426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	54.2		ug/L		108	51 - 140	4	40
Chloromethane	50.0	46.6		ug/L		93	63 - 126	8	30
Vinyl chloride	50.0	51.2		ug/L		102	68 - 132	5	30
Bromomethane	50.0	38.8		ug/L		78	20 - 180	3	40
Chloroethane	50.0	47.7		ug/L		95	50 - 151	3	30
Trichlorofluoromethane	50.0	49.2		ug/L		98	58 - 145	4	30
1,1-Dichloroethene	50.0	47.9		ug/L		96	74 - 125	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.0		ug/L		104	65 - 131	2	30
Acetone	250	253		ug/L		101	60 - 154	6	40
Carbon disulfide	50.0	49.3		ug/L		99	73 - 127	3	20
Methyl acetate	250	252		ug/L		101	66 - 134	2	30
Methylene Chloride	50.0	52.4		ug/L		105	76 - 129	1	20
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	78 - 123	3	20
Methyl tert-butyl ether	50.0	51.0		ug/L		102	74 - 135	1	20
1,1-Dichloroethane	50.0	49.8		ug/L		100	80 - 120	2	20
cis-1,2-Dichloroethene	50.0	49.3		ug/L		99	80 - 122	2	20
2-Butanone	250	268		ug/L		107	75 - 133	7	30
Chloroform	50.0	46.9		ug/L		94	79 - 122	1	20
1,1,1-Trichloroethane	50.0	50.6		ug/L		101	74 - 128	3	20
Cyclohexane	50.0	55.4		ug/L		111	69 - 130	0	30
Carbon tetrachloride	50.0	53.1		ug/L		106	75 - 130	3	20
Benzene	50.0	51.2		ug/L		102	73 - 131	2	30
1,2-Dichloroethane	50.0	48.2		ug/L		96	75 - 130	0	20
Trichloroethene	50.0	53.2		ug/L		106	80 - 123	2	20
Methylcyclohexane	50.0	56.8		ug/L		114	75 - 127	1	30
1,2-Dichloropropane	50.0	52.2		ug/L		104	80 - 123	2	20
Bromodichloromethane	50.0	49.0		ug/L		98	77 - 129	2	20
cis-1,3-Dichloropropene	50.0	52.9		ug/L		106	80 - 133	0	20
4-Methyl-2-pentanone	250	266		ug/L		106	75 - 135	2	30
Toluene	50.0	53.7		ug/L		107	80 - 122	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431426/7
Matrix: Water
Analysis Batch: 431426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	50.9		ug/L		102	74 - 140	3	20
1,1,2-Trichloroethane			50.0	51.7		ug/L		103	79 - 125	2	20
Tetrachloroethene			50.0	54.9		ug/L		110	77 - 123	2	20
2-Hexanone			250	251		ug/L		100	70 - 141	2	40
Dibromochloromethane			50.0	51.2		ug/L		102	71 - 136	0	20
1,2-Dibromoethane			50.0	53.5		ug/L		107	77 - 131	1	30
Chlorobenzene			50.0	50.3		ug/L		101	80 - 120	0	20
Ethylbenzene			50.0	51.4		ug/L		103	80 - 120	0	20
Xylenes, Total			100	105		ug/L		105	80 - 120	1	20
Styrene			50.0	50.0		ug/L		100	80 - 122	1	20
Bromoform			50.0	51.6		ug/L		103	69 - 135	1	20
Isopropylbenzene			50.0	54.3		ug/L		109	80 - 120	1	20
1,1,2,2-Tetrachloroethane			50.0	51.1		ug/L		102	72 - 128	1	20
1,3-Dichlorobenzene			50.0	49.1		ug/L		98	80 - 120	3	20
1,4-Dichlorobenzene			50.0	46.9		ug/L		94	80 - 120	3	20
1,2-Dichlorobenzene			50.0	49.0		ug/L		98	80 - 120	4	20
1,2-Dibromo-3-Chloropropane			50.0	45.2		ug/L		90	59 - 141	3	30
1,2,4-Trichlorobenzene			50.0	50.1		ug/L		100	77 - 131	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 680-431433/9
Matrix: Water
Analysis Batch: 431433

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/02/16 11:24	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/02/16 11:24	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/02/16 11:24	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/02/16 11:24	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/02/16 11:24	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/02/16 11:24	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/02/16 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/02/16 11:24	1
Acetone	<7.0		10	7.0	ug/L			05/02/16 11:24	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/02/16 11:24	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/02/16 11:24	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/02/16 11:24	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/02/16 11:24	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/02/16 11:24	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/02/16 11:24	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/02/16 11:24	1
2-Butanone	<3.4		10	3.4	ug/L			05/02/16 11:24	1
Chloroform	<0.50		1.0	0.50	ug/L			05/02/16 11:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431433/9
Matrix: Water
Analysis Batch: 431433

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/02/16 11:24	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/02/16 11:24	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/02/16 11:24	1
Benzene	<0.43		1.0	0.43	ug/L			05/02/16 11:24	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/02/16 11:24	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/02/16 11:24	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/02/16 11:24	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/02/16 11:24	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/02/16 11:24	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/02/16 11:24	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/02/16 11:24	1
Toluene	<0.48		1.0	0.48	ug/L			05/02/16 11:24	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/02/16 11:24	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/02/16 11:24	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/02/16 11:24	1
2-Hexanone	<2.0		10	2.0	ug/L			05/02/16 11:24	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/16 11:24	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/02/16 11:24	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/02/16 11:24	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/02/16 11:24	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/02/16 11:24	1
Styrene	<0.27		1.0	0.27	ug/L			05/02/16 11:24	1
Bromoform	<0.43		1.0	0.43	ug/L			05/02/16 11:24	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/02/16 11:24	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/02/16 11:24	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/02/16 11:24	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/02/16 11:24	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/02/16 11:24	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/02/16 11:24	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/02/16 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*05/02/16 11:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*05/02/16 11:24*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/02/16 11:24*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*05/02/16 11:24*	*1*

Lab Sample ID: LCS 680-431433/4
Matrix: Water
Analysis Batch: 431433

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	49.3		ug/L		99	51 - 140
Chloromethane	50.0	34.7		ug/L		69	63 - 126
Vinyl chloride	50.0	44.4		ug/L		89	68 - 132
Bromomethane	50.0	29.5		ug/L		59	20 - 180
Chloroethane	50.0	42.8		ug/L		86	50 - 151
Trichlorofluoromethane	50.0	54.0		ug/L		108	58 - 145

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431433/4
Matrix: Water
Analysis Batch: 431433

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	48.8		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	59.9		ug/L		120	65 - 131
Acetone	250	219		ug/L		88	60 - 154
Carbon disulfide	50.0	46.7		ug/L		93	73 - 127
Methyl acetate	250	192		ug/L		77	66 - 134
Methylene Chloride	50.0	46.1		ug/L		92	76 - 129
trans-1,2-Dichloroethene	50.0	50.5		ug/L		101	78 - 123
Methyl tert-butyl ether	50.0	44.0		ug/L		88	74 - 135
1,1-Dichloroethane	50.0	42.2		ug/L		84	80 - 120
cis-1,2-Dichloroethene	50.0	43.8		ug/L		88	80 - 122
2-Butanone	250	232		ug/L		93	75 - 133
Chloroform	50.0	49.7		ug/L		99	79 - 122
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	74 - 128
Cyclohexane	50.0	49.4		ug/L		99	69 - 130
Carbon tetrachloride	50.0	49.7		ug/L		99	75 - 130
Benzene	50.0	46.6		ug/L		93	73 - 131
1,2-Dichloroethane	50.0	45.0		ug/L		90	75 - 130
Trichloroethene	50.0	57.6		ug/L		115	80 - 123
Methylcyclohexane	50.0	50.8		ug/L		102	75 - 127
1,2-Dichloropropane	50.0	45.1		ug/L		90	80 - 123
Bromodichloromethane	50.0	46.2		ug/L		92	77 - 129
cis-1,3-Dichloropropene	50.0	47.2		ug/L		94	80 - 133
4-Methyl-2-pentanone	250	194		ug/L		77	75 - 135
Toluene	50.0	49.9		ug/L		100	80 - 122
trans-1,3-Dichloropropene	50.0	45.0		ug/L		90	74 - 140
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	79 - 125
Tetrachloroethene	50.0	61.8	*	ug/L		124	77 - 123
2-Hexanone	250	194		ug/L		78	70 - 141
Dibromochloromethane	50.0	50.0		ug/L		100	71 - 136
1,2-Dibromoethane	50.0	53.4		ug/L		107	77 - 131
Chlorobenzene	50.0	53.1		ug/L		106	80 - 120
Ethylbenzene	50.0	49.9		ug/L		100	80 - 120
Xylenes, Total	100	101		ug/L		101	80 - 120
Styrene	50.0	52.6		ug/L		105	80 - 122
Bromoform	50.0	56.6		ug/L		113	69 - 135
Isopropylbenzene	50.0	54.0		ug/L		108	80 - 120
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	72 - 128
1,3-Dichlorobenzene	50.0	49.0		ug/L		98	80 - 120
1,4-Dichlorobenzene	50.0	48.4		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	49.9		ug/L		100	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	54.3		ug/L		109	59 - 141
1,2,4-Trichlorobenzene	50.0	54.3		ug/L		109	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431433/4
Matrix: Water
Analysis Batch: 431433

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 680-431433/5
Matrix: Water
Analysis Batch: 431433

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane			50.0	47.0		ug/L		94	51 - 140	5	40
Chloromethane			50.0	34.5		ug/L		69	63 - 126	1	30
Vinyl chloride			50.0	44.1		ug/L		88	68 - 132	1	30
Bromomethane			50.0	33.2		ug/L		66	20 - 180	12	40
Chloroethane			50.0	41.6		ug/L		83	50 - 151	3	30
Trichlorofluoromethane			50.0	50.1		ug/L		100	58 - 145	7	30
1,1-Dichloroethene			50.0	48.1		ug/L		96	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	58.2		ug/L		116	65 - 131	3	30
Acetone			250	215		ug/L		86	60 - 154	2	40
Carbon disulfide			50.0	44.8		ug/L		90	73 - 127	4	20
Methyl acetate			250	192		ug/L		77	66 - 134	0	30
Methylene Chloride			50.0	46.7		ug/L		93	76 - 129	1	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	78 - 123	0	20
Methyl tert-butyl ether			50.0	44.0		ug/L		88	74 - 135	0	20
1,1-Dichloroethane			50.0	42.3		ug/L		85	80 - 120	0	20
cis-1,2-Dichloroethene			50.0	43.7		ug/L		87	80 - 122	0	20
2-Butanone			250	234		ug/L		94	75 - 133	1	30
Chloroform			50.0	49.5		ug/L		99	79 - 122	0	20
1,1,1-Trichloroethane			50.0	49.0		ug/L		98	74 - 128	1	20
Cyclohexane			50.0	48.5		ug/L		97	69 - 130	2	30
Carbon tetrachloride			50.0	49.4		ug/L		99	75 - 130	1	20
Benzene			50.0	46.1		ug/L		92	73 - 131	1	30
1,2-Dichloroethane			50.0	44.6		ug/L		89	75 - 130	1	20
Trichloroethene			50.0	56.7		ug/L		113	80 - 123	2	20
Methylcyclohexane			50.0	49.2		ug/L		98	75 - 127	3	30
1,2-Dichloropropane			50.0	44.5		ug/L		89	80 - 123	1	20
Bromodichloromethane			50.0	46.8		ug/L		94	77 - 129	1	20
cis-1,3-Dichloropropene			50.0	47.1		ug/L		94	80 - 133	0	20
4-Methyl-2-pentanone			250	193		ug/L		77	75 - 135	0	30
Toluene			50.0	50.0		ug/L		100	80 - 122	0	20
trans-1,3-Dichloropropene			50.0	45.0		ug/L		90	74 - 140	0	20
1,1,2-Trichloroethane			50.0	47.2		ug/L		94	79 - 125	0	20
Tetrachloroethene			50.0	62.3	*	ug/L		125	77 - 123	1	20
2-Hexanone			250	195		ug/L		78	70 - 141	0	40
Dibromochloromethane			50.0	50.4		ug/L		101	71 - 136	1	20
1,2-Dibromoethane			50.0	53.5		ug/L		107	77 - 131	0	30
Chlorobenzene			50.0	53.2		ug/L		106	80 - 120	0	20
Ethylbenzene			50.0	50.2		ug/L		100	80 - 120	1	20
Xylenes, Total			100	101		ug/L		101	80 - 120	0	20
Styrene			50.0	52.0		ug/L		104	80 - 122	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431433/5
Matrix: Water
Analysis Batch: 431433

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform			50.0	57.3		ug/L		115	69 - 135	1	20
Isopropylbenzene			50.0	53.4		ug/L		107	80 - 120	1	20
1,1,2,2-Tetrachloroethane			50.0	48.7		ug/L		97	72 - 128	3	20
1,3-Dichlorobenzene			50.0	48.7		ug/L		97	80 - 120	1	20
1,4-Dichlorobenzene			50.0	48.1		ug/L		96	80 - 120	1	20
1,2-Dichlorobenzene			50.0	48.6		ug/L		97	80 - 120	3	20
1,2-Dibromo-3-Chloropropane			50.0	53.1		ug/L		106	59 - 141	2	30
1,2,4-Trichlorobenzene			50.0	55.0		ug/L		110	77 - 131	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: MB 680-431584/9
Matrix: Water
Analysis Batch: 431584

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/03/16 11:41	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/03/16 11:41	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/03/16 11:41	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/03/16 11:41	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/03/16 11:41	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/03/16 11:41	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/03/16 11:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/03/16 11:41	1
Acetone	<7.0		10	7.0	ug/L			05/03/16 11:41	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/03/16 11:41	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/03/16 11:41	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/03/16 11:41	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/03/16 11:41	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/03/16 11:41	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/03/16 11:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/03/16 11:41	1
2-Butanone	<3.4		10	3.4	ug/L			05/03/16 11:41	1
Chloroform	<0.50		1.0	0.50	ug/L			05/03/16 11:41	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/03/16 11:41	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/03/16 11:41	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/03/16 11:41	1
Benzene	<0.43		1.0	0.43	ug/L			05/03/16 11:41	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/03/16 11:41	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/03/16 11:41	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/03/16 11:41	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/03/16 11:41	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/03/16 11:41	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/03/16 11:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431584/9
Matrix: Water
Analysis Batch: 431584

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/03/16 11:41	1
Toluene	<0.48		1.0	0.48	ug/L			05/03/16 11:41	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/03/16 11:41	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/03/16 11:41	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/03/16 11:41	1
2-Hexanone	<2.0		10	2.0	ug/L			05/03/16 11:41	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/16 11:41	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/03/16 11:41	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/03/16 11:41	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/03/16 11:41	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/03/16 11:41	1
Styrene	<0.27		1.0	0.27	ug/L			05/03/16 11:41	1
Bromoform	<0.43		1.0	0.43	ug/L			05/03/16 11:41	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/03/16 11:41	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/03/16 11:41	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/03/16 11:41	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/03/16 11:41	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/03/16 11:41	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/03/16 11:41	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/03/16 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*05/03/16 11:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*05/03/16 11:41*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*05/03/16 11:41*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*05/03/16 11:41*	*1*

Lab Sample ID: LCS 680-431584/4
Matrix: Water
Analysis Batch: 431584

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	52.6		ug/L		105	51 - 140
Chloromethane	50.0	35.6		ug/L		71	63 - 126
Vinyl chloride	50.0	45.1		ug/L		90	68 - 132
Bromomethane	50.0	39.3		ug/L		79	20 - 180
Chloroethane	50.0	42.1		ug/L		84	50 - 151
Trichlorofluoromethane	50.0	52.3		ug/L		105	58 - 145
1,1-Dichloroethene	50.0	50.1		ug/L		100	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60.8		ug/L		122	65 - 131
Acetone	250	247		ug/L		99	60 - 154
Carbon disulfide	50.0	46.9		ug/L		94	73 - 127
Methyl acetate	250	207		ug/L		83	66 - 134
Methylene Chloride	50.0	50.4		ug/L		101	76 - 129
trans-1,2-Dichloroethene	50.0	51.7		ug/L		103	78 - 123
Methyl tert-butyl ether	50.0	48.5		ug/L		97	74 - 135
1,1-Dichloroethane	50.0	43.5		ug/L		87	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431584/4
Matrix: Water
Analysis Batch: 431584

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	45.3		ug/L		91	80 - 122
2-Butanone	250	260		ug/L		104	75 - 133
Chloroform	50.0	52.1		ug/L		104	79 - 122
1,1,1-Trichloroethane	50.0	49.9		ug/L		100	74 - 128
Cyclohexane	50.0	49.8		ug/L		100	69 - 130
Carbon tetrachloride	50.0	50.5		ug/L		101	75 - 130
Benzene	50.0	48.0		ug/L		96	73 - 131
1,2-Dichloroethane	50.0	47.6		ug/L		95	75 - 130
Trichloroethene	50.0	59.1		ug/L		118	80 - 123
Methylcyclohexane	50.0	50.7		ug/L		101	75 - 127
1,2-Dichloropropane	50.0	47.0		ug/L		94	80 - 123
Bromodichloromethane	50.0	49.4		ug/L		99	77 - 129
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	80 - 133
4-Methyl-2-pentanone	250	217		ug/L		87	75 - 135
Toluene	50.0	51.7		ug/L		103	80 - 122
trans-1,3-Dichloropropene	50.0	47.9		ug/L		96	74 - 140
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	79 - 125
Tetrachloroethene	50.0	63.8	*	ug/L		128	77 - 123
2-Hexanone	250	221		ug/L		88	70 - 141
Dibromochloromethane	50.0	53.6		ug/L		107	71 - 136
1,2-Dibromoethane	50.0	57.9		ug/L		116	77 - 131
Chlorobenzene	50.0	54.2		ug/L		108	80 - 120
Ethylbenzene	50.0	49.5		ug/L		99	80 - 120
Xylenes, Total	100	99.8		ug/L		100	80 - 120
Styrene	50.0	51.5		ug/L		103	80 - 122
Bromoform	50.0	61.0		ug/L		122	69 - 135
Isopropylbenzene	50.0	52.8		ug/L		106	80 - 120
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/L		104	72 - 128
1,3-Dichlorobenzene	50.0	50.1		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	49.5		ug/L		99	80 - 120
1,2-Dichlorobenzene	50.0	51.4		ug/L		103	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	58.9		ug/L		118	59 - 141
1,2,4-Trichlorobenzene	50.0	56.5		ug/L		113	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 680-431584/5
Matrix: Water
Analysis Batch: 431584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	52.2		ug/L		104	51 - 140	1	40
Chloromethane	50.0	35.3		ug/L		71	63 - 126	1	30
Vinyl chloride	50.0	45.4		ug/L		91	68 - 132	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431584/5
Matrix: Water
Analysis Batch: 431584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	38.3		ug/L		77	20 - 180	3	40
Chloroethane	50.0	42.9		ug/L		86	50 - 151	2	30
Trichlorofluoromethane	50.0	42.6		ug/L		85	58 - 145	20	30
1,1-Dichloroethene	50.0	49.8		ug/L		100	74 - 125	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60.5		ug/L		121	65 - 131	0	30
Acetone	250	236		ug/L		95	60 - 154	4	40
Carbon disulfide	50.0	45.7		ug/L		91	73 - 127	3	20
Methyl acetate	250	206		ug/L		82	66 - 134	1	30
Methylene Chloride	50.0	50.1		ug/L		100	76 - 129	1	20
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	78 - 123	1	20
Methyl tert-butyl ether	50.0	48.1		ug/L		96	74 - 135	1	20
1,1-Dichloroethane	50.0	43.9		ug/L		88	80 - 120	1	20
cis-1,2-Dichloroethene	50.0	45.4		ug/L		91	80 - 122	0	20
2-Butanone	250	265		ug/L		106	75 - 133	2	30
Chloroform	50.0	51.9		ug/L		104	79 - 122	0	20
1,1,1-Trichloroethane	50.0	50.4		ug/L		101	74 - 128	1	20
Cyclohexane	50.0	50.7		ug/L		101	69 - 130	2	30
Carbon tetrachloride	50.0	50.5		ug/L		101	75 - 130	0	20
Benzene	50.0	48.5		ug/L		97	73 - 131	1	30
1,2-Dichloroethane	50.0	47.1		ug/L		94	75 - 130	1	20
Trichloroethene	50.0	60.6		ug/L		121	80 - 123	3	20
Methylcyclohexane	50.0	51.3		ug/L		103	75 - 127	1	30
1,2-Dichloropropane	50.0	46.9		ug/L		94	80 - 123	0	20
Bromodichloromethane	50.0	48.9		ug/L		98	77 - 129	1	20
cis-1,3-Dichloropropene	50.0	50.2		ug/L		100	80 - 133	0	20
4-Methyl-2-pentanone	250	218		ug/L		87	75 - 135	0	30
Toluene	50.0	51.9		ug/L		104	80 - 122	0	20
trans-1,3-Dichloropropene	50.0	47.7		ug/L		95	74 - 140	0	20
1,1,2-Trichloroethane	50.0	50.6		ug/L		101	79 - 125	0	20
Tetrachloroethene	50.0	63.7	*	ug/L		127	77 - 123	0	20
2-Hexanone	250	220		ug/L		88	70 - 141	0	40
Dibromochloromethane	50.0	53.4		ug/L		107	71 - 136	0	20
1,2-Dibromoethane	50.0	57.0		ug/L		114	77 - 131	2	30
Chlorobenzene	50.0	53.2		ug/L		106	80 - 120	2	20
Ethylbenzene	50.0	49.7		ug/L		99	80 - 120	0	20
Xylenes, Total	100	99.4		ug/L		99	80 - 120	0	20
Styrene	50.0	50.9		ug/L		102	80 - 122	1	20
Bromoform	50.0	59.6		ug/L		119	69 - 135	2	20
Isopropylbenzene	50.0	52.8		ug/L		106	80 - 120	0	20
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/L		101	72 - 128	3	20
1,3-Dichlorobenzene	50.0	50.3		ug/L		101	80 - 120	0	20
1,4-Dichlorobenzene	50.0	49.5		ug/L		99	80 - 120	0	20
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 120	1	20
1,2-Dibromo-3-Chloropropane	50.0	58.2		ug/L		116	59 - 141	1	30
1,2,4-Trichlorobenzene	50.0	57.9		ug/L		116	77 - 131	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431584/5
Matrix: Water
Analysis Batch: 431584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 680-431757/10
Matrix: Water
Analysis Batch: 431757

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/04/16 11:31	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/04/16 11:31	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/04/16 11:31	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/04/16 11:31	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/04/16 11:31	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/04/16 11:31	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/04/16 11:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/04/16 11:31	1
Acetone	<7.0		10	7.0	ug/L			05/04/16 11:31	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/04/16 11:31	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/04/16 11:31	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/04/16 11:31	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/04/16 11:31	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/04/16 11:31	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/04/16 11:31	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/04/16 11:31	1
2-Butanone	<3.4		10	3.4	ug/L			05/04/16 11:31	1
Chloroform	<0.50		1.0	0.50	ug/L			05/04/16 11:31	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/04/16 11:31	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/04/16 11:31	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/04/16 11:31	1
Benzene	<0.43		1.0	0.43	ug/L			05/04/16 11:31	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/04/16 11:31	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/04/16 11:31	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/04/16 11:31	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/04/16 11:31	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/04/16 11:31	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/04/16 11:31	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/04/16 11:31	1
Toluene	<0.48		1.0	0.48	ug/L			05/04/16 11:31	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/04/16 11:31	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/04/16 11:31	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/04/16 11:31	1
2-Hexanone	<2.0		10	2.0	ug/L			05/04/16 11:31	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/04/16 11:31	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/04/16 11:31	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/04/16 11:31	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/04/16 11:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431757/10
Matrix: Water
Analysis Batch: 431757

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/04/16 11:31	1
Styrene	<0.27		1.0	0.27	ug/L			05/04/16 11:31	1
Bromoform	<0.43		1.0	0.43	ug/L			05/04/16 11:31	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/04/16 11:31	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/04/16 11:31	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/04/16 11:31	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/04/16 11:31	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/04/16 11:31	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/04/16 11:31	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/04/16 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/04/16 11:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*05/04/16 11:31*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*05/04/16 11:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*05/04/16 11:31*	*1*

Lab Sample ID: LCS 680-431757/5
Matrix: Water
Analysis Batch: 431757

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	48.8		ug/L		98	51 - 140
Chloromethane	50.0	37.9		ug/L		76	63 - 126
Vinyl chloride	50.0	48.5		ug/L		97	68 - 132
Bromomethane	50.0	17.7		ug/L		35	20 - 180
Chloroethane	50.0	44.1		ug/L		88	50 - 151
Trichlorofluoromethane	50.0	45.0		ug/L		90	58 - 145
1,1-Dichloroethene	50.0	46.0		ug/L		92	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.6		ug/L		97	65 - 131
Acetone	250	194		ug/L		78	60 - 154
Carbon disulfide	50.0	50.4		ug/L		101	73 - 127
Methyl acetate	250	230		ug/L		92	66 - 134
Methylene Chloride	50.0	52.1		ug/L		104	76 - 129
trans-1,2-Dichloroethene	50.0	51.7		ug/L		103	78 - 123
Methyl tert-butyl ether	50.0	48.8		ug/L		98	74 - 135
1,1-Dichloroethane	50.0	50.4		ug/L		101	80 - 120
cis-1,2-Dichloroethene	50.0	49.0		ug/L		98	80 - 122
2-Butanone	250	248		ug/L		99	75 - 133
Chloroform	50.0	46.5		ug/L		93	79 - 122
1,1,1-Trichloroethane	50.0	50.7		ug/L		101	74 - 128
Cyclohexane	50.0	56.3		ug/L		113	69 - 130
Carbon tetrachloride	50.0	52.1		ug/L		104	75 - 130
Benzene	50.0	52.1		ug/L		104	73 - 131
1,2-Dichloroethane	50.0	45.7		ug/L		91	75 - 130
Trichloroethene	50.0	54.7		ug/L		109	80 - 123
Methylcyclohexane	50.0	58.2		ug/L		116	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431757/5
Matrix: Water
Analysis Batch: 431757

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	50.0	51.6		ug/L		103	80 - 123
Bromodichloromethane	50.0	46.9		ug/L		94	77 - 129
cis-1,3-Dichloropropene	50.0	45.0		ug/L		90	80 - 133
4-Methyl-2-pentanone	250	252		ug/L		101	75 - 135
Toluene	50.0	54.9		ug/L		110	80 - 122
trans-1,3-Dichloropropene	50.0	43.0		ug/L		86	74 - 140
1,1,2-Trichloroethane	50.0	51.0		ug/L		102	79 - 125
Tetrachloroethene	50.0	57.7		ug/L		115	77 - 123
2-Hexanone	250	232		ug/L		93	70 - 141
Dibromochloromethane	50.0	51.5		ug/L		103	71 - 136
1,2-Dibromoethane	50.0	51.6		ug/L		103	77 - 131
Chlorobenzene	50.0	53.7		ug/L		107	80 - 120
Ethylbenzene	50.0	53.8		ug/L		108	80 - 120
Xylenes, Total	100	112		ug/L		112	80 - 120
Styrene	50.0	53.0		ug/L		106	80 - 122
Bromoform	50.0	44.9		ug/L		90	69 - 135
Isopropylbenzene	50.0	57.9		ug/L		116	80 - 120
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/L		105	72 - 128
1,3-Dichlorobenzene	50.0	52.8		ug/L		106	80 - 120
1,4-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 120
1,2-Dichlorobenzene	50.0	52.3		ug/L		105	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	43.0		ug/L		86	59 - 141
1,2,4-Trichlorobenzene	50.0	54.0		ug/L		108	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 680-431757/7
Matrix: Water
Analysis Batch: 431757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	49.0		ug/L		98	51 - 140	0	40
Chloromethane	50.0	36.6		ug/L		73	63 - 126	4	30
Vinyl chloride	50.0	47.2		ug/L		94	68 - 132	3	30
Bromomethane	50.0	22.0		ug/L		44	20 - 180	21	40
Chloroethane	50.0	43.5		ug/L		87	50 - 151	1	30
Trichlorofluoromethane	50.0	45.0		ug/L		90	58 - 145	0	30
1,1-Dichloroethene	50.0	46.8		ug/L		94	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	50.1		ug/L		100	65 - 131	3	30
Acetone	250	205		ug/L		82	60 - 154	6	40
Carbon disulfide	50.0	49.0		ug/L		98	73 - 127	3	20
Methyl acetate	250	230		ug/L		92	66 - 134	0	30
Methylene Chloride	50.0	51.7		ug/L		103	76 - 129	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431757/7
Matrix: Water
Analysis Batch: 431757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene			50.0	51.4		ug/L		103	78 - 123	1	20
Methyl tert-butyl ether			50.0	48.5		ug/L		97	74 - 135	1	20
1,1-Dichloroethane			50.0	50.6		ug/L		101	80 - 120	0	20
cis-1,2-Dichloroethene			50.0	48.2		ug/L		96	80 - 122	2	20
2-Butanone			250	250		ug/L		100	75 - 133	1	30
Chloroform			50.0	46.5		ug/L		93	79 - 122	0	20
1,1,1-Trichloroethane			50.0	50.1		ug/L		100	74 - 128	1	20
Cyclohexane			50.0	56.9		ug/L		114	69 - 130	1	30
Carbon tetrachloride			50.0	51.7		ug/L		103	75 - 130	1	20
Benzene			50.0	51.4		ug/L		103	73 - 131	1	30
1,2-Dichloroethane			50.0	45.1		ug/L		90	75 - 130	1	20
Trichloroethene			50.0	55.1		ug/L		110	80 - 123	1	20
Methylcyclohexane			50.0	57.5		ug/L		115	75 - 127	1	30
1,2-Dichloropropane			50.0	51.2		ug/L		102	80 - 123	1	20
Bromodichloromethane			50.0	47.7		ug/L		95	77 - 129	2	20
cis-1,3-Dichloropropene			50.0	45.7		ug/L		91	80 - 133	2	20
4-Methyl-2-pentanone			250	251		ug/L		100	75 - 135	0	30
Toluene			50.0	53.8		ug/L		108	80 - 122	2	20
trans-1,3-Dichloropropene			50.0	44.6		ug/L		89	74 - 140	4	20
1,1,2-Trichloroethane			50.0	51.1		ug/L		102	79 - 125	0	20
Tetrachloroethene			50.0	57.5		ug/L		115	77 - 123	0	20
2-Hexanone			250	233		ug/L		93	70 - 141	1	40
Dibromochloromethane			50.0	50.7		ug/L		101	71 - 136	2	20
1,2-Dibromoethane			50.0	51.9		ug/L		104	77 - 131	1	30
Chlorobenzene			50.0	53.7		ug/L		107	80 - 120	0	20
Ethylbenzene			50.0	54.2		ug/L		108	80 - 120	1	20
Xylenes, Total			100	112		ug/L		112	80 - 120	1	20
Styrene			50.0	53.1		ug/L		106	80 - 122	0	20
Bromoform			50.0	47.1		ug/L		94	69 - 135	5	20
Isopropylbenzene			50.0	58.2		ug/L		116	80 - 120	1	20
1,1,2,2-Tetrachloroethane			50.0	53.0		ug/L		106	72 - 128	1	20
1,3-Dichlorobenzene			50.0	52.6		ug/L		105	80 - 120	0	20
1,4-Dichlorobenzene			50.0	49.3		ug/L		99	80 - 120	1	20
1,2-Dichlorobenzene			50.0	51.1		ug/L		102	80 - 120	2	20
1,2-Dibromo-3-Chloropropane			50.0	40.8		ug/L		82	59 - 141	5	30
1,2,4-Trichlorobenzene			50.0	52.6		ug/L		105	77 - 131	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-431808/9
Matrix: Water
Analysis Batch: 431808

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.60		1.0	0.60	ug/L			05/04/16 13:54	1
Chloromethane	<0.40		1.0	0.40	ug/L			05/04/16 13:54	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			05/04/16 13:54	1
Bromomethane	<2.5		5.0	2.5	ug/L			05/04/16 13:54	1
Chloroethane	<2.5		5.0	2.5	ug/L			05/04/16 13:54	1
Trichlorofluoromethane	<0.42		1.0	0.42	ug/L			05/04/16 13:54	1
1,1-Dichloroethene	<0.36		1.0	0.36	ug/L			05/04/16 13:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.36		1.0	0.36	ug/L			05/04/16 13:54	1
Acetone	<7.0		10	7.0	ug/L			05/04/16 13:54	1
Carbon disulfide	<1.0		2.0	1.0	ug/L			05/04/16 13:54	1
Methyl acetate	<1.8		5.0	1.8	ug/L			05/04/16 13:54	1
Methylene Chloride	<2.5		5.0	2.5	ug/L			05/04/16 13:54	1
trans-1,2-Dichloroethene	<0.37		1.0	0.37	ug/L			05/04/16 13:54	1
Methyl tert-butyl ether	<0.30		10	0.30	ug/L			05/04/16 13:54	1
1,1-Dichloroethane	<0.38		1.0	0.38	ug/L			05/04/16 13:54	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/04/16 13:54	1
2-Butanone	<3.4		10	3.4	ug/L			05/04/16 13:54	1
Chloroform	<0.50		1.0	0.50	ug/L			05/04/16 13:54	1
1,1,1-Trichloroethane	<0.37		1.0	0.37	ug/L			05/04/16 13:54	1
Cyclohexane	<0.39		1.0	0.39	ug/L			05/04/16 13:54	1
Carbon tetrachloride	<0.33		1.0	0.33	ug/L			05/04/16 13:54	1
Benzene	<0.43		1.0	0.43	ug/L			05/04/16 13:54	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			05/04/16 13:54	1
Trichloroethene	<0.48		1.0	0.48	ug/L			05/04/16 13:54	1
Methylcyclohexane	<0.43		1.0	0.43	ug/L			05/04/16 13:54	1
1,2-Dichloropropane	<0.67		1.0	0.67	ug/L			05/04/16 13:54	1
Bromodichloromethane	<0.44		1.0	0.44	ug/L			05/04/16 13:54	1
cis-1,3-Dichloropropene	<0.40		1.0	0.40	ug/L			05/04/16 13:54	1
4-Methyl-2-pentanone	<2.1		10	2.1	ug/L			05/04/16 13:54	1
Toluene	<0.48		1.0	0.48	ug/L			05/04/16 13:54	1
trans-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/04/16 13:54	1
1,1,2-Trichloroethane	<0.33		1.0	0.33	ug/L			05/04/16 13:54	1
Tetrachloroethene	<0.74		1.0	0.74	ug/L			05/04/16 13:54	1
2-Hexanone	<2.0		10	2.0	ug/L			05/04/16 13:54	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/04/16 13:54	1
1,2-Dibromoethane	<0.44		1.0	0.44	ug/L			05/04/16 13:54	1
Chlorobenzene	<0.26		1.0	0.26	ug/L			05/04/16 13:54	1
Ethylbenzene	<0.33		1.0	0.33	ug/L			05/04/16 13:54	1
Xylenes, Total	<0.23		1.0	0.23	ug/L			05/04/16 13:54	1
Styrene	<0.27		1.0	0.27	ug/L			05/04/16 13:54	1
Bromoform	<0.43		1.0	0.43	ug/L			05/04/16 13:54	1
Isopropylbenzene	<0.35		1.0	0.35	ug/L			05/04/16 13:54	1
1,1,2,2-Tetrachloroethane	<0.62		1.0	0.62	ug/L			05/04/16 13:54	1
1,3-Dichlorobenzene	<0.43		1.0	0.43	ug/L			05/04/16 13:54	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			05/04/16 13:54	1
1,2-Dichlorobenzene	<0.37		1.0	0.37	ug/L			05/04/16 13:54	1
1,2-Dibromo-3-Chloropropane	<1.1		5.0	1.1	ug/L			05/04/16 13:54	1
1,2,4-Trichlorobenzene	<2.5		5.0	2.5	ug/L			05/04/16 13:54	1

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		05/04/16 13:54	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		05/04/16 13:54	1
Dibromofluoromethane (Surr)	99		70 - 130		05/04/16 13:54	1
4-Bromofluorobenzene (Surr)	99		70 - 130		05/04/16 13:54	1

Lab Sample ID: LCS 680-431808/4
Matrix: Water
Analysis Batch: 431808

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	49.8		ug/L		100	51 - 140
Chloromethane	50.0	48.6		ug/L		97	63 - 126
Vinyl chloride	50.0	52.1		ug/L		104	68 - 132
Bromomethane	50.0	45.9		ug/L		92	20 - 180
Chloroethane	50.0	52.4		ug/L		105	50 - 151
Trichlorofluoromethane	50.0	47.2		ug/L		94	58 - 145
1,1-Dichloroethene	50.0	50.5		ug/L		101	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	50.7		ug/L		101	65 - 131
Acetone	250	255		ug/L		102	60 - 154
Carbon disulfide	50.0	50.1		ug/L		100	73 - 127
Methyl acetate	250	251		ug/L		100	66 - 134
Methylene Chloride	50.0	52.9		ug/L		106	76 - 129
trans-1,2-Dichloroethene	50.0	53.5		ug/L		107	78 - 123
Methyl tert-butyl ether	50.0	52.5		ug/L		105	74 - 135
1,1-Dichloroethane	50.0	50.5		ug/L		101	80 - 120
cis-1,2-Dichloroethene	50.0	52.0		ug/L		104	80 - 122
2-Butanone	250	269		ug/L		108	75 - 133
Chloroform	50.0	52.4		ug/L		105	79 - 122
1,1,1-Trichloroethane	50.0	52.9		ug/L		106	74 - 128
Cyclohexane	50.0	49.8		ug/L		100	69 - 130
Carbon tetrachloride	50.0	56.6		ug/L		113	75 - 130
Benzene	50.0	51.1		ug/L		102	73 - 131
1,2-Dichloroethane	50.0	50.4		ug/L		101	75 - 130
Trichloroethene	50.0	55.1		ug/L		110	80 - 123
Methylcyclohexane	50.0	50.3		ug/L		101	75 - 127
1,2-Dichloropropane	50.0	53.3		ug/L		107	80 - 123
Bromodichloromethane	50.0	55.3		ug/L		111	77 - 129
cis-1,3-Dichloropropene	50.0	57.9		ug/L		116	80 - 133
4-Methyl-2-pentanone	250	274		ug/L		110	75 - 135
Toluene	50.0	51.8		ug/L		104	80 - 122
trans-1,3-Dichloropropene	50.0	57.2		ug/L		114	74 - 140
1,1,2-Trichloroethane	50.0	52.9		ug/L		106	79 - 125
Tetrachloroethene	50.0	56.5		ug/L		113	77 - 123
2-Hexanone	250	282		ug/L		113	70 - 141
Dibromochloromethane	50.0	59.0		ug/L		118	71 - 136
1,2-Dibromoethane	50.0	55.6		ug/L		111	77 - 131
Chlorobenzene	50.0	52.6		ug/L		105	80 - 120
Ethylbenzene	50.0	52.7		ug/L		105	80 - 120
Xylenes, Total	100	105		ug/L		105	80 - 120
Styrene	50.0	54.3		ug/L		109	80 - 122
Bromoform	50.0	55.1		ug/L		110	69 - 135
Isopropylbenzene	50.0	55.2		ug/L		110	80 - 120
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	72 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-431808/4
Matrix: Water
Analysis Batch: 431808

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
1,2-Dichlorobenzene	50.0	51.6		ug/L		103	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	60.5		ug/L		121	59 - 141
1,2,4-Trichlorobenzene	50.0	56.9		ug/L		114	77 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 680-431808/5
Matrix: Water
Analysis Batch: 431808

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	49.9		ug/L		100	51 - 140	0	40
Chloromethane	50.0	50.6		ug/L		101	63 - 126	4	30
Vinyl chloride	50.0	54.7		ug/L		109	68 - 132	5	30
Bromomethane	50.0	46.8		ug/L		94	20 - 180	2	40
Chloroethane	50.0	54.9		ug/L		110	50 - 151	5	30
Trichlorofluoromethane	50.0	51.1		ug/L		102	58 - 145	8	30
1,1-Dichloroethene	50.0	50.9		ug/L		102	74 - 125	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.1		ug/L		104	65 - 131	3	30
Acetone	250	255		ug/L		102	60 - 154	0	40
Carbon disulfide	50.0	51.7		ug/L		103	73 - 127	3	20
Methyl acetate	250	270		ug/L		108	66 - 134	7	30
Methylene Chloride	50.0	52.7		ug/L		105	76 - 129	0	20
trans-1,2-Dichloroethene	50.0	51.4		ug/L		103	78 - 123	4	20
Methyl tert-butyl ether	50.0	54.5		ug/L		109	74 - 135	4	20
1,1-Dichloroethane	50.0	51.9		ug/L		104	80 - 120	3	20
cis-1,2-Dichloroethene	50.0	51.7		ug/L		103	80 - 122	0	20
2-Butanone	250	288		ug/L		115	75 - 133	7	30
Chloroform	50.0	54.7		ug/L		109	79 - 122	4	20
1,1,1-Trichloroethane	50.0	52.8		ug/L		106	74 - 128	0	20
Cyclohexane	50.0	49.9		ug/L		100	69 - 130	0	30
Carbon tetrachloride	50.0	55.0		ug/L		110	75 - 130	3	20
Benzene	50.0	51.4		ug/L		103	73 - 131	1	30
1,2-Dichloroethane	50.0	52.5		ug/L		105	75 - 130	4	20
Trichloroethene	50.0	54.4		ug/L		109	80 - 123	1	20
Methylcyclohexane	50.0	50.2		ug/L		100	75 - 127	0	30
1,2-Dichloropropane	50.0	52.2		ug/L		104	80 - 123	2	20
Bromodichloromethane	50.0	56.0		ug/L		112	77 - 129	1	20
cis-1,3-Dichloropropene	50.0	58.0		ug/L		116	80 - 133	0	20
4-Methyl-2-pentanone	250	294		ug/L		118	75 - 135	7	30
Toluene	50.0	52.3		ug/L		105	80 - 122	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-431808/5
Matrix: Water
Analysis Batch: 431808

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	60.4		ug/L		121	74 - 140	5	20
1,1,2-Trichloroethane			50.0	55.0		ug/L		110	79 - 125	4	20
Tetrachloroethene			50.0	56.2		ug/L		112	77 - 123	0	20
2-Hexanone			250	302		ug/L		121	70 - 141	7	40
Dibromochloromethane			50.0	62.4		ug/L		125	71 - 136	6	20
1,2-Dibromoethane			50.0	57.5		ug/L		115	77 - 131	3	30
Chlorobenzene			50.0	52.5		ug/L		105	80 - 120	0	20
Ethylbenzene			50.0	52.7		ug/L		105	80 - 120	0	20
Xylenes, Total			100	106		ug/L		106	80 - 120	0	20
Styrene			50.0	55.5		ug/L		111	80 - 122	2	20
Bromoform			50.0	54.0		ug/L		108	69 - 135	2	20
Isopropylbenzene			50.0	54.4		ug/L		109	80 - 120	2	20
1,1,2,2-Tetrachloroethane			50.0	51.1		ug/L		102	72 - 128	4	20
1,3-Dichlorobenzene			50.0	51.6		ug/L		103	80 - 120	1	20
1,4-Dichlorobenzene			50.0	50.7		ug/L		101	80 - 120	0	20
1,2-Dichlorobenzene			50.0	52.3		ug/L		105	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	59.3		ug/L		119	59 - 141	2	30
1,2,4-Trichlorobenzene			50.0	58.7		ug/L		117	77 - 131	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

GC/MS VOA

Analysis Batch: 431023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-4	MW-2D	Total/NA	Water	8260B	
680-124371-6	MW-11D	Total/NA	Water	8260B	
680-124371-23	MW-44D	Total/NA	Water	8260B	
680-124371-24	MW-45S	Total/NA	Water	8260B	
680-124371-25	MW-46S	Total/NA	Water	8260B	
680-124371-26	MW-47D	Total/NA	Water	8260B	
680-124371-27	MW-48S	Total/NA	Water	8260B	
680-124371-45	Trip Blank	Total/NA	Water	8260B	
LCS 680-431023/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431023/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431023/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-1	G-17	Total/NA	Water	8260B	
680-124371-2	G-19	Total/NA	Water	8260B	
680-124371-5	MW-4S	Total/NA	Water	8260B	
680-124371-7	MW-14D	Total/NA	Water	8260B	
680-124371-8	MW-15S	Total/NA	Water	8260B	
680-124371-9	MW-26	Total/NA	Water	8260B	
680-124371-11	MW-31	Total/NA	Water	8260B	
680-124371-12	MW-32	Total/NA	Water	8260B	
680-124371-14	MW-35	Total/NA	Water	8260B	
680-124371-15	MW-36	Total/NA	Water	8260B	
680-124371-16	MW-37S	Total/NA	Water	8260B	
680-124371-17	MW-38D	Total/NA	Water	8260B	
LCS 680-431194/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431194/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431194/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-3	MW-2S	Total/NA	Water	8260B	
680-124371-5 - DL	MW-4S	Total/NA	Water	8260B	
680-124371-10	MW-29	Total/NA	Water	8260B	
680-124371-13	MW-33	Total/NA	Water	8260B	
680-124371-18	MW-39D	Total/NA	Water	8260B	
680-124371-20	MW-41D	Total/NA	Water	8260B	
680-124371-21	MW-42S	Total/NA	Water	8260B	
680-124371-22	MW-43D	Total/NA	Water	8260B	
680-124371-38	RW-1	Total/NA	Water	8260B	
680-124371-39	RW-4	Total/NA	Water	8260B	
LCS 680-431213/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431213/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431213/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-29	MW-50S	Total/NA	Water	8260B	
680-124371-31	MW-52D	Total/NA	Water	8260B	
680-124371-32	MW-53D	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 431383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-33	MW-54D	Total/NA	Water	8260B	
680-124371-35	MW-56D	Total/NA	Water	8260B	
LCS 680-431383/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431383/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431383/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-30	MW-51D	Total/NA	Water	8260B	
680-124371-34	MW-55D	Total/NA	Water	8260B	
LCS 680-431426/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431426/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431426/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-41	RW-9	Total/NA	Water	8260B	
LCS 680-431433/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431433/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431433/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-19	MW-40S	Total/NA	Water	8260B	
680-124371-28	MW-49D	Total/NA	Water	8260B	
680-124371-36	PAW-3	Total/NA	Water	8260B	
680-124371-42	MW-U2	Total/NA	Water	8260B	
680-124371-43	G-22	Total/NA	Water	8260B	
LCS 680-431584/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431584/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431584/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-28 - DL	MW-49D	Total/NA	Water	8260B	
680-124371-37	PAW-4	Total/NA	Water	8260B	
LCS 680-431757/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431757/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431757/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 431808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-124371-40	RW-8	Total/NA	Water	8260B	
LCS 680-431808/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-431808/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-431808/9	Method Blank	Total/NA	Water	8260B	

Client Sample ID: G-17

Lab Sample ID: 680-124371-1

Date Collected: 04/19/16 15:42

Matrix: Water

Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 01:01	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: G-19

Lab Sample ID: 680-124371-2

Date Collected: 04/20/16 09:56

Matrix: Water

Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 01:23	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-2S

Lab Sample ID: 680-124371-3

Date Collected: 04/18/16 16:46

Matrix: Water

Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 13:07	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-2D

Lab Sample ID: 680-124371-4

Date Collected: 04/18/16 18:30

Matrix: Water

Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	5 mL	5 mL	431023	04/28/16 14:25	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-4S

Lab Sample ID: 680-124371-5

Date Collected: 04/20/16 11:52

Matrix: Water

Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	5 mL	5 mL	431194	04/29/16 05:38	CEJ	TAL SAV
	Instrument ID: CMSB									
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	431213	04/29/16 13:49	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-11D — **Lab Sample ID: 680-124371-6**
Date Collected: 04/18/16 14:40 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 15:30	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-14D — **Lab Sample ID: 680-124371-7**
Date Collected: 04/20/16 11:04 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 02:05	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-15S — **Lab Sample ID: 680-124371-8**
Date Collected: 04/19/16 14:52 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 02:26	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-26 — **Lab Sample ID: 680-124371-9**
Date Collected: 04/19/16 17:36 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 02:48	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-29 — **Lab Sample ID: 680-124371-10**
Date Collected: 04/19/16 18:32 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 12:24	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-31 — **Lab Sample ID: 680-124371-11**
Date Collected: 04/20/16 15:32 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 03:09	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-32 — **Lab Sample ID: 680-124371-12**
Date Collected: 04/20/16 13:44 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 03:30	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-33 — **Lab Sample ID: 680-124371-13**
Date Collected: 04/19/16 16:39 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 12:45	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-35 — **Lab Sample ID: 680-124371-14**
Date Collected: 04/19/16 17:16 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 03:51	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-36 — **Lab Sample ID: 680-124371-15**
Date Collected: 04/19/16 18:35 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 04:13	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-37S — **Lab Sample ID: 680-124371-16**
Date Collected: 04/20/16 10:58 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 04:34	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-38D — **Lab Sample ID: 680-124371-17**
Date Collected: 04/20/16 11:43 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431194	04/29/16 04:55	CEJ	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-39D — **Lab Sample ID: 680-124371-18**
Date Collected: 04/19/16 16:03 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 16:37	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-40S — **Lab Sample ID: 680-124371-19**
Date Collected: 04/19/16 14:54 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	5 mL	5 mL	431584	05/03/16 18:25	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: MW-41D — **Lab Sample ID: 680-124371-20**
Date Collected: 04/19/16 11:39 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 16:58	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-42S — **Lab Sample ID: 680-124371-21**
Date Collected: 04/19/16 10:40 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 14:52	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-43D — **Lab Sample ID: 680-124371-22**
Date Collected: 04/19/16 11:45 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 15:13	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-44D — **Lab Sample ID: 680-124371-23**
Date Collected: 04/18/16 17:58 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 15:51	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-45S — **Lab Sample ID: 680-124371-24**
Date Collected: 04/18/16 17:14 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 16:12	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-46S — **Lab Sample ID: 680-124371-25**
Date Collected: 04/18/16 15:23 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 16:33	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-47D — **Lab Sample ID: 680-124371-26**
Date Collected: 04/18/16 16:02 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 16:54	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-48S — **Lab Sample ID: 680-124371-27**
Date Collected: 04/18/16 14:24 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 17:16	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-49D — **Lab Sample ID: 680-124371-28**
Date Collected: 04/21/16 09:20 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	431757	05/04/16 13:36	DAS	TAL SAV
	Instrument ID: CMSC									
Total/NA	Analysis	8260B		10	5 mL	5 mL	431584	05/03/16 18:48	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: MW-50S — **Lab Sample ID: 680-124371-29**
Date Collected: 04/21/16 10:09 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	431383	04/30/16 20:11	DJK	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: MW-51D — **Lab Sample ID: 680-124371-30**
Date Collected: 04/20/16 17:50 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431426	05/02/16 19:08	CEJ	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: MW-52D — **Lab Sample ID: 680-124371-31**
Date Collected: 04/20/16 17:11 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431383	04/30/16 18:38	DJK	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: MW-53D — **Lab Sample ID: 680-124371-32**
Date Collected: 04/20/16 18:31 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431383	04/30/16 19:01	DJK	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: MW-54D — **Lab Sample ID: 680-124371-33**
Date Collected: 04/20/16 17:49 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431383	04/30/16 19:25	DJK	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: MW-55D — **Lab Sample ID: 680-124371-34**
Date Collected: 04/21/16 09:02 — **Matrix: Water**
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431426	05/02/16 18:45	CEJ	TAL SAV
	Instrument ID: CMSC									

Lab Chronicle

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: MW-56D

Lab Sample ID: 680-124371-35

Date Collected: 04/20/16 18:37
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431383	04/30/16 19:48	DJK	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: PAW-3

Lab Sample ID: 680-124371-36

Date Collected: 04/20/16 14:36
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431584	05/03/16 14:51	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: PAW-4

Lab Sample ID: 680-124371-37

Date Collected: 04/20/16 15:18
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431757	05/04/16 13:13	DAS	TAL SAV
	Instrument ID: CMSC									

Client Sample ID: RW-1

Lab Sample ID: 680-124371-38

Date Collected: 04/19/16 09:34
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 15:34	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: RW-4

Lab Sample ID: 680-124371-39

Date Collected: 04/19/16 10:28
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431213	04/29/16 15:55	CEJ	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: RW-8

Lab Sample ID: 680-124371-40

Date Collected: 04/21/16 09:45
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431808	05/04/16 15:57	DAS	TAL SAV
	Instrument ID: CMSB									

Lab Chronicle

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Client Sample ID: RW-9

Lab Sample ID: 680-124371-41

Date Collected: 04/20/16 15:59
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431433	05/02/16 15:44	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: MW-U2

Lab Sample ID: 680-124371-42

Date Collected: 04/20/16 15:58
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431584	05/03/16 13:40	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: G-22

Lab Sample ID: 680-124371-43

Date Collected: 04/20/16 10:07
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431584	05/03/16 14:27	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: Trip Blank

Lab Sample ID: 680-124371-45

Date Collected: 04/18/16 12:00
Matrix: Water
Date Received: 04/21/16 11:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	431023	04/28/16 12:00	CEJ	TAL SAV
	Instrument ID: CMSO2									

Laboratory References:

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

Serial Number 107241

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 ~~Stock~~ ADC MTR Sav.	PROJECT NO. 460009	PROJECT LOCATION (STATE) GA
TAL (LAB) PROJECT MANAGER Sheila Hoffman	P.O. NUMBER 901397	CONTRACT NO.
CLIENT (SITE) PM Alan Sanders	CLIENT PHONE 770-772-7100	CLIENT FAX
CLIENT NAME EIC	CLIENT E-MAIL asanders@eicusa.com	
CLIENT ADDRESS 161 Kimball Bridge Rd, Alpharetta GA 30009		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 4

STANDARD REPORT DELIVERY ● DATE DUE 5/5/16

EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS: 8260B

PRESERVATIVE: HCl

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED (8260B)	REMARKS
4/19/16	15:42	G-17	G	X				3	
4/20/16	9:56	G-19	G	X				3	
4/18/16	16:46	MW-2S	G	X				3	
4/18/16	18:30	MW-2D	G	X				3	
4/20/16	11:52	MW-4S	G	X				3	
4/18/16	14:40	MW-11D	G	X				3	
4/20/16	11:04	MW-14D	G	X				3	
4/19/16	14:52	MW-15S	G	X				3	
4/19/16	17:36	MW-26	G	X				3	
4/19/16	18:32	MW-29	G	X				3	
4/20/16	15:32	MW-31	G	X				3	
4/20/16	13:44	MW-32	G	X				3	

680-124371 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/21/16	11:47						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	4-21-16	11:47	YES ○ NO ○		680-124371	4.9 (CF) 5.2°C

TAL8240-680 (1008)

5/5/2016

Serial Number 107215

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	PROJECT NO.	PROJECT LOCATION (STATE)
MTL Sav.	460009	GA
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Sitarla Hoffman	901397	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Alan Sanders	770-772-7100	
CLIENT NAME	CLIENT E-MAIL	
EIC	asanders@eicasa.com	
CLIENT ADDRESS	161 Kimball Bridge Rd., Alpharetta GA 30009	
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (INDICATE): COMPOSITE (C) OR GRAB (G) | AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: 8260B; HCl PRESERVATIVE

PAGE 2 OF 4

STANDARD REPORT DELIVERY (X) DATE DUE 5/5/16

EXPEDITED REPORT DELIVERY (SURCHARGE) ( ) DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/19/16	16:39	MW-33	G X	3	
4/19/16	17:16	MW-35	G X	3	
4/19/16	18:35	MW-36	G X	3	
4/20/16	10:58	MW-37S	G X	3	
4/20/16	11:43	MW-38D	G X	3	
4/19/16	16:03	MW-39D	G X	3	
4/19/16	14:54	MW-40S	G X	3	
4/19/16	11:39	MW-41D	G X	3	
4/19/16	10:40	MW-42S	G X	3	
4/19/16	11:45	MW-43D	G X	3	
4/18/16	17:58	MW-44D	G X	3	
4/18/16	17:14	MW-45S	G X	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Andie Lee	4/21/16	11:47						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Shannon Shuey	4-21-16	11:47	YES ( ) NO ( )	680-12437		4.9 (C-F) 5.2°C

TAL8240-680 (1008)

Page 115 of 117

5/5/2016

Serial Number 107216

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	PROJECT NO.	PROJECT LOCATION (STATE)
MTL Sur.	460009	GA
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Sheila Hoffman	901397	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Alan Sanders	770-772-7100	
CLIENT NAME	CLIENT E-MAIL	
EIC	asanders@ekusa.com	
CLIENT ADDRESS	161 Kimball Bridge Rd, Alpharetta, GA 30009	
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: 8260B; HCl PRESERVATIVE

PAGE 3 OF 4

STANDARD REPORT DELIVERY (●) DATE DUE 5/5/16

EXPEDITED REPORT DELIVERY (SURCHARGE) ( ) DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/18/16	15:23	MW-46S	G X	3	
4/18/16	16:02	MW-47D	G X	3	
~~4/15/16~~	14:24	MW-48S	G X	3	*Sample date should be 4/18/16 BO 4-25-16
4/21/16	9:20	MW-49D	G X	3	
4/21/16	10:09	MW-50S	G X	3	
4/20/16	17:50	MW-51D	G X	3	
4/20/16	17:11	MW-52D	G X	3	
4/20/16	18:31	MW-53D	G X	3	
4/20/16	17:49	MW-54D	G X	3	
~~4/20/16~~	~~18:37~~	ADD			
4/21/16	9:02	MW-55D	G X	3	
4/20/16	18:37	MW-56D	G X	3	

Page 11 of 11 BO 4-25-16

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Amelia	4/21/16	11:47						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	4-21-16	11:47	YES ( ) NO ( )	680-	124371	4.9(CF)5.2°

5/5/2016

TAL8240-680 (1008)

Serial Number 111103

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: MTL, Savannah	PROJECT NO.: 460009	PROJECT LOCATION (STATE): GA	
TAL (LAB) PROJECT MANAGER: Sheila Hoffman	P.O. NUMBER: 901397	CONTRACT NO.:	
CLIENT (SITE) PM: Alan Sanders	CLIENT PHONE: 770-742-7100	CLIENT FAX:	
CLIENT NAME: EIC	CLIENT E-MAIL: asanders@eicusa.com		
CLIENT ADDRESS: 161 Kimball Bridge Rd. Alpharetta GA 30009			
COMPANY CONTRACTING THIS WORK (if applicable)			

PAGE 4 OF 4

STANDARD REPORT DELIVERY ●
DATE DUE 5/5/16
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260B	REQUIRED ANALYSIS: Other	REMARKS
		PRESERVATIVE						HCl	HCl	
		NUMBER OF CONTAINERS SUBMITTED								
4/20/16	14:36	PAW-3						3		
4/20/16	15:18	PAW-4						3		
4/19/16	9:34	RW-1						3		
4/19/16	10:28	RW-4						3		
4/21/16	9:45	RW-8						3		
4/20/16	15:59	RW-9						3		
4/20/16	15:58	MW-42						3		
4/20/16	10:07	G-22						1		Log after G-19
4/21/16	9:56	RW-9 (Discrete depth sample)						3	3	Hold for analysis
4/18/16	12:00	Trip Blank						3		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Amelia	4/21/16	11:47						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	4-21-16	11:47	YES ○ NO ○	680-12437		4.9(C) 5.2°

TAL8240-680 (1008)

Page 115 of 117

5/5/2016

Login Sample Receipt Checklist

Client: Environmental International Corporation

Job Number: 680-124371-1

Login Number: 124371

List Source: TestAmerica Savannah

List Number: 1

Creator: Banda, Christy S

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

Certification Summary

Client: Environmental International Corporation
Project/Site: MTL/460009

TestAmerica Job ID: 680-124371-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Georgia	State Program	4	803	06-30-16 *

* Certification renewal pending - certification considered valid.

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT 4-1 LABORATORY ANALYTICAL RESULTS FOR SOIL DELINEATION SAMPLES, JULY 2016

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 02, 2016

Dana Johnson
Environmental International Corp
161 Kimball Bridge Rd
Alpharetta GA 30009

TEL: (770) 772-7100
FAX:

RE: MTL

Dear Dana Johnson: Order No: 1607G89

Analytical Environmental Services, Inc. received 45 samples on 7/21/2016 3:06:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tara Westervelt
Project Manager

Revision 8/2/2016

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1607689

Date: 7-20-16 Page 1 of 24

COMPANY: Environmental International Corp.

ADDRESS: 161 Kimball Bridge Rd. Alpharetta, GA 30009

PHONE: 770-772-7100

FAX:

SAMPLED BY: Kenneth Reese

SIGNATURE: Kenneth Rees

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260	8260	8260	PRESERVATION (See codes) NONE	H2O	MEOH	REMARKS	No # of Containers
1.	AOC6-SD-3-10S-WBank-35N	7-20-16	1405	X	X		1	2	1					
2	AOC6-SD-3-10N-10W (1-2ft)	7-20-16	1349				1	2	1					
3	AOC6-SD-3-25N-10W (2-2.5ft)	7-20-16	1402				1	2	1					
4	AOC6-SD3-35N-10W (2.2.5ft)	7-20-16	1357				1	2	1					
5	AOC6 SD3-35N-EBank (1-2ft)	7-20-16	1415				1	2	1					
6	AOC6-SD3-~~35N-10S~~ 35N (1-2')	7-20-16	1410				1	2	1					
7.	AOC6 SD3 10S (2.2.5ft)	7-20-16	1337				1	2	1					
8	SB-1 (2-3ft)	7-20-16	1012				1	2	1					
9	SB-1 (3-4-ft)	7-20-16	1012				1	2	1					
10	SB-2 (2-3ft)	7-20-16	1007				1	2	1					
11	SB-2 (3-4ft)	7-20-16	1007				1	2	1					
12	SB-3 (2-3ft)	7-20-16	0957				1	2	1					
13	SB-3 (3-4ft)	7-20-16	0957				1	2	1					
14	SB-4 (2-3ft)	7-20-16	1019	X			1	2	1					

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Kenneth Rees	7-21-16 1505	1: Jessica Shilly	7/21/16 3:06 pm
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: MTL

PROJECT #: 460012

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers

Turnaround Time Request

- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush **(auth req.)**
- ( ) Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1607G89

Date: 7-20-16 Page 2 of 4

COMPANY: Environmental International Corp
ADDRESS: 161 Kimball Bridge Rd, Alpharetta, GA 30009
PHONE: 770-772-7100
FAX:
SAMPLED BY: Kenneth Reese
SIGNATURE: Kenneth Reese

ANALYSIS REQUESTED: 8260, 5, 8260, 8260

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) None			No # of Containers	REMARKS
1	SB-4 (3-4ft)	7-20-16	1019	X			1	2	1		
2	SB-5 (2-3ft)	7-20-16	1022				1	2	1		
3	SB-5 (3-4ft)	7-20-16	1022				1	2	1		
4	SB-6 (2-3ft)	7-20-16	1028				1	2	1		
5	SB-6 (3-4ft)	7-20-16	1028				1	2	1		
6	SB-7 (2.5-3.0ft)	7-20-16	0933				1	2	1		
7	SB-7 (3-4ft)	7-20-16	0933				1	2	1		
8	SB-8 (2-3ft)	7-20-16	0925				1	2	1		
9	SB-8 (3-4ft)	7-20-16	0925				1	2	1		
10	SB-9 (2.5-3.0ft)	7-20-16	0916				1	2	1		
11	SB-9 (3-4.5ft)	7-20-16	0916				1	2	1		
12	SB-10 (2-3ft)	7-20-16	0910				1	2	1		
13	SB-10 (3-4.5ft)	7-20-16	0910				1	2	1		
14	SB-11 (2-3.5ft)	7-20-16	0905	X			1	2	1		

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Kenneth Reese	7-21-16 1505	1: Jessica Shilly	7/21/16 3:06 pm
2:		2:	
3:		3:	

PROJECT INFORMATION
PROJECT NAME: MTL
PROJECT #: 460012
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush **(auth req.)**
- ( ) Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1607689

Date: 7-20-16 Page 3 of 4

COMPANY: Environmental International Corp.

ADDRESS: 161 Kimball Bridge Rd. Alpharetta, GA 30009

PHONE: 770-772-7100 FAX:

SAMPLED BY: Kenneth Reese SIGNATURE: Kenneth Reese

ANALYSIS REQUESTED: 8260 8260 8260

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) NONE	H2O	MEOH	REMARKS	No # of Containers
1	SB-11 (4-5 ft)	7-20-16	0905	X			1	2	1		
2	SB-12 (4-4.5ft)	7-20-16	0900				1	2	1		
3	SB-12 (2.5-3.0ft)	7-20-16	0900				1	2	1		
4	SB-13 (2-3ft)	7-20-16	1100				1	2	1		
5	SB-13 (3-4ft)	7-20-16	1100				1	2	1		
6	SB-14 (2-3ft)	7-20-16	1116				1	2	1		
7	SB-14 (3-4ft)	7-20-16	1116				1	2	1		
8	SB-15 (2-3ft)	7-20-16	1111				1	2	1		
9	SB-15 (3-4ft)	7-20-16	1111				1	2	1		
10	SB-16 (2'-3' ft)	7-20-16	1122				1	2	1		
11	SB-16 (3-4 ft)	7-20-16	1122				1	2	1		
12	SB-17 (2-3 ft)	7-20-16	1150				1	2	1		
13	SB-17 (3-4ft)	7-20-16	1150				1	2	1		
14	SB-18 (2-3ft)	7-20-16	1143	X			1	2	1		

RELINQUISHED BY / DATE/TIME
1: Kenneth Reese 7-21-16 1505
2:
3:

RECEIVED BY / DATE/TIME
1: Jessica Kelly 7/21/16 3:06 pm
2:
3:

PROJECT INFORMATION
PROJECT NAME: MTL
PROJECT #: 460012
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush **(auth req.)**
- ( ) Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1607G89

Date: 7-20-16 Page 4 of 4

COMPANY:	ADDRESS:
Environmental International Corp	161 Kimball Bridge Rd. Alpharetta, GA 30009
PHONE: 770-772-7100	FAX:
SAMPLED BY: Kenneth Reese	SIGNATURE: Kenneth Reese

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	8260	8260	8260	No # of Containers
							PRESERVATION (See codes)			REMARKS
1	SB-18 (3-4ft)	7-20-16	1143	X			1	2	1	
2	Trip Blank	7-20-16	0900	|			1			
3	Trip Blank	7-20-16	0900	|			1			
4	Equipment Rinse	7-20-16	1505	X			1			
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Visit our website **www.aesatlanta.com** to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Kenneth Reese	7-21-16 1505	1: Jessica Thilly	7/21/16 3:06 pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: MTL
PROJECT #: 460012
SITE ADDRESS:
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT

Total # of Containers

Turnaround Time Request
- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush **(auth req.)**
- ( ) Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Environmental International Corp
Project: MTL
Lab ID: 1607G89

Case Narrative

Sample Receiving Nonconformance:

Sample information on the Chain of Custody (COC) did not match that on the sample bottle labels for samples -014, -034A, -036, and -037.

Sample -014 has a collection time on the COC of 10:19, however on the sample container its written as 9:57.
One of the vials for sample -034A has a sample ID of SB16-2-3 , however on the COC its written as "SB14-(2-3FT). Sample was correctly logged in based on the correct collection time & date.
Sample -036 has a collection time on the COC of 11:11, however on the sample container its written as 11:06.
Sample -037 has a collection time on the COC of 11:11, however on the sample container its written as 11:06.
All information was taken from COC received.

The sample ID for samples "SB-2 (3-4FT)" and "SB-13 (2-3 FT)" were written on the sample bag instead of the sample containers. This was discovered after sample receiving personnel opened the bags randomly causing their identity to be unknown. By process of emilation, the two set kits are "SB-2 (3-4FT)" and "SB-13 (2-3 FT)". Due to not knowing which sample is which they were given the sample ID of "TB-1" and "TB-2". Per Kenneth, volatile analysis will be performed in order to determine which sample is "SB-2 (3-4FT)" and "SB-13 (2-3 FT)".

Per Kenneth via phone 8/2/16, Sample Ids for samples 1607G89-001 & -007 were changed.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on samples 1607G89-002A, -005A, -010A,-016A, -026A, -028A,-030A, & -031A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compounds 1,4-Difluorobenzene, and Chlorobenzene-d5 on sample 1607G89-013 A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Due to sample matrix, sample 1707G89-015A, & -017A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Percent recovery for the internal standard compounds Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 1607G89-018A, & -019A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compounds Pentafluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 1607G89-020A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compounds Pentafluorobenzene, 1,4-Difluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on samples 1607G89-012A, -014A, & -021 A was outside control limits biased low due to suspected matrix interference.

cis-1,2-Dichloroethene, & Trichloroethene values for sample 1607G89-004A are "E" qualified indicating estimated values over linear calibration range. Sample was diluted and reanalyzed using the supplied methanol preserved sample at the minimum dilution allowed resulting in analytes being below reporting limits.

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-35N-10W (1-2FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 2:05:00 PM
Lab ID:	1607G89-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
2-Butanone	BRL	38		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
2-Hexanone	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
4-Methyl-2-pentanone	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Acetone	BRL	77		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Benzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Bromodichloromethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Bromoform	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Bromomethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Carbon disulfide	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Chlorobenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Chloroethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Chloroform	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Chloromethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
cis-1,2-Dichloroethene	11	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Cyclohexane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Dibromochloromethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Dichlorodifluoromethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Ethylbenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Freon-113	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Isopropylbenzene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
m,p-Xylene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Methyl acetate	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Methylcyclohexane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Methylene chloride	BRL	15		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
o-Xylene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-35N-10W (1-2FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 2:05:00 PM
Lab ID:	1607G89-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Tetrachloroethene	22	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Toluene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
trans-1,2-Dichloroethene	5.3	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Trichloroethene	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Vinyl chloride	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 20:29	NH
Surr: 4-Bromofluorobenzene	94	70-128		%REC	227231	1	07/25/2016 20:29	NH
Surr: Dibromofluoromethane	108	78.2-128		%REC	227231	1	07/25/2016 20:29	NH
Surr: Toluene-d8	104	76.5-116		%REC	227231	1	07/25/2016 20:29	NH
PERCENT MOISTURE D2216								
Percent Moisture	10.3	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-10N-10W(1-2FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:49:00 PM
Lab ID:	1607G89-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,1,2,2-Tetrachloroethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,1,2-Trichloroethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,1-Dichloroethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,1-Dichloroethene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2,4-Trichlorobenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2-Dibromo-3-chloropropane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2-Dibromoethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2-Dichlorobenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2-Dichloroethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,2-Dichloropropane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,3-Dichlorobenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
1,4-Dichlorobenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
2-Butanone	BRL	59		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
2-Hexanone	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Acetone	BRL	120		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Benzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Bromodichloromethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Bromoform	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Bromomethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Carbon disulfide	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Carbon tetrachloride	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Chlorobenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Chloroethane	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Chloroform	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Chloromethane	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
cis-1,2-Dichloroethene	2300	230		ug/Kg-dry	227302	50	07/26/2016 12:55	AR
cis-1,3-Dichloropropene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Cyclohexane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Dibromochloromethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Ethylbenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Freon-113	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Isopropylbenzene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
m,p-Xylene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Methyl acetate	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Methyl tert-butyl ether	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Methylcyclohexane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Methylene chloride	BRL	24		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
o-Xylene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-10N-10W(1-2FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:49:00 PM
Lab ID:	1607G89-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Tetrachloroethene	8100	230		ug/Kg-dry	227302	50	07/26/2016 12:55	AR
Toluene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
trans-1,2-Dichloroethene	7.7	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
trans-1,3-Dichloropropene	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Trichloroethene	2300	230		ug/Kg-dry	227302	50	07/26/2016 12:55	AR
Trichlorofluoromethane	BRL	5.9		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Vinyl chloride	BRL	12		ug/Kg-dry	227231	1	07/25/2016 20:55	NH
Surr: 4-Bromofluorobenzene	80.7	70-128		%REC	227302	50	07/26/2016 12:55	AR
Surr: 4-Bromofluorobenzene	77.8	70-128		%REC	227231	1	07/25/2016 20:55	NH
Surr: Dibromofluoromethane	109	78.2-128		%REC	227302	50	07/26/2016 12:55	AR
Surr: Dibromofluoromethane	111	78.2-128		%REC	227231	1	07/25/2016 20:55	NH
Surr: Toluene-d8	98.7	76.5-116		%REC	227302	50	07/26/2016 12:55	AR
Surr: Toluene-d8	95	76.5-116		%REC	227231	1	07/25/2016 20:55	NH
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-25N-10W(2-2.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 2:02:00 PM
Lab ID:	1607G89-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
2-Butanone	BRL	37		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
2-Hexanone	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Acetone	BRL	75		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Benzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Bromodichloromethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Bromoform	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Bromomethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Carbon disulfide	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Chlorobenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Chloroethane	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Chloroform	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Chloromethane	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Cyclohexane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Dibromochloromethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Ethylbenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Freon-113	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Isopropylbenzene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
m,p-Xylene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Methyl acetate	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Methylcyclohexane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Methylene chloride	BRL	15		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
o-Xylene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD-3-25N-10W(2-2.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 2:02:00 PM
Lab ID:	1607G89-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Tetrachloroethene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Toluene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Trichloroethene	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Vinyl chloride	BRL	7.5		ug/Kg-dry	227231	1	07/25/2016 21:20	NH
Surr: 4-Bromofluorobenzene	91.1	70-128		%REC	227231	1	07/25/2016 21:20	NH
Surr: Dibromofluoromethane	110	78.2-128		%REC	227231	1	07/25/2016 21:20	NH
Surr: Toluene-d8	101	76.5-116		%REC	227231	1	07/25/2016 21:20	NH
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N-10W(2-2.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:57:00 PM
Lab ID:	1607G89-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
2-Butanone	BRL	39		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
2-Hexanone	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
4-Methyl-2-pentanone	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Acetone	BRL	77		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Benzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Bromodichloromethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Bromoform	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Bromomethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Carbon disulfide	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Chlorobenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Chloroethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Chloroform	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Chloromethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
cis-1,2-Dichloroethene	130	99		ug/Kg-dry	227302	50	07/26/2016 13:24	AR
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Cyclohexane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Dibromochloromethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Dichlorodifluoromethane	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Ethylbenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Freon-113	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Isopropylbenzene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
m,p-Xylene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Methyl acetate	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Methylcyclohexane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Methylene chloride	BRL	15		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
o-Xylene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N-10W(2-2.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:57:00 PM
Lab ID:	1607G89-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Tetrachloroethene	630	250		ug/Kg-dry	227302	50	07/26/2016 13:24	AR
Toluene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
trans-1,2-Dichloroethene	4.3	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Trichloroethene	220	99		ug/Kg-dry	227302	50	07/26/2016 13:24	AR
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Vinyl chloride	BRL	7.7		ug/Kg-dry	227231	1	07/25/2016 21:45	NH
Surr: 4-Bromofluorobenzene	93.2	70-128		%REC	227302	50	07/26/2016 13:24	AR
Surr: 4-Bromofluorobenzene	92.7	70-128		%REC	227231	1	07/25/2016 21:45	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227302	50	07/26/2016 13:24	AR
Surr: Dibromofluoromethane	106	78.2-128		%REC	227231	1	07/25/2016 21:45	NH
Surr: Toluene-d8	96.6	76.5-116		%REC	227302	50	07/26/2016 13:24	AR
Surr: Toluene-d8	101	76.5-116		%REC	227231	1	07/25/2016 21:45	NH
PERCENT MOISTURE D2216								
Percent Moisture	8.24	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N-EBANK(1-2FT
Project Name:	MTL	**Collection Date:**	7/20/2016 2:15:00 PM
Lab ID:	1607G89-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,1,2,2-Tetrachloroethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,1,2-Trichloroethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,1-Dichloroethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,1-Dichloroethene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2,4-Trichlorobenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2-Dibromo-3-chloropropane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2-Dibromoethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2-Dichlorobenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2-Dichloroethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,2-Dichloropropane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,3-Dichlorobenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
1,4-Dichlorobenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
2-Butanone	BRL	29		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
2-Hexanone	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
4-Methyl-2-pentanone	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Acetone	BRL	58		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Benzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Bromodichloromethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Bromoform	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Bromomethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Carbon disulfide	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Carbon tetrachloride	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Chlorobenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Chloroethane	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Chloroform	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Chloromethane	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
cis-1,2-Dichloroethene	5.1	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
cis-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Cyclohexane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Dibromochloromethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Dichlorodifluoromethane	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Ethylbenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Freon-113	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Isopropylbenzene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
m,p-Xylene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Methyl acetate	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Methyl tert-butyl ether	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Methylcyclohexane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Methylene chloride	BRL	12		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
o-Xylene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N-EBANK(1-2FT
Project Name:	MTL	**Collection Date:**	7/20/2016 2:15:00 PM
Lab ID:	1607G89-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Tetrachloroethene	73	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Toluene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
trans-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
trans-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Trichloroethene	11	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Trichlorofluoromethane	BRL	2.9		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Vinyl chloride	BRL	5.8		ug/Kg-dry	227231	1	07/25/2016 22:11	NH
Surr: 4-Bromofluorobenzene	78.8	70-128		%REC	227231	1	07/25/2016 22:11	NH
Surr: Dibromofluoromethane	108	78.2-128		%REC	227231	1	07/25/2016 22:11	NH
Surr: Toluene-d8	101	76.5-116		%REC	227231	1	07/25/2016 22:11	NH
PERCENT MOISTURE D2216								
Percent Moisture	21.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N (1'-2')
Project Name:	MTL	**Collection Date:**	7/20/2016 2:10:00 PM
Lab ID:	1607G89-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	110	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,1,2,2-Tetrachloroethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,1,2-Trichloroethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,1-Dichloroethane	97	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,1-Dichloroethene	110	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2,4-Trichlorobenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2-Dibromo-3-chloropropane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2-Dibromoethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2-Dichlorobenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2-Dichloroethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,2-Dichloropropane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,3-Dichlorobenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
1,4-Dichlorobenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
2-Butanone	BRL	28		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
2-Hexanone	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
4-Methyl-2-pentanone	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Acetone	BRL	57		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Benzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Bromodichloromethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Bromoform	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Bromomethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Carbon disulfide	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Carbon tetrachloride	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Chlorobenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Chloroethane	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Chloroform	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Chloromethane	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
cis-1,2-Dichloroethene	9500	1800		ug/Kg-dry	227302	500	07/26/2016 12:26	AR
cis-1,3-Dichloropropene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Cyclohexane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Dibromochloromethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Dichlorodifluoromethane	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Ethylbenzene	20	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Freon-113	BRL	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Isopropylbenzene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
m,p-Xylene	68	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Methyl acetate	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Methyl tert-butyl ether	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Methylcyclohexane	11	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Methylene chloride	BRL	11		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
o-Xylene	25	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-35N (1'-2')
Project Name:	MTL	**Collection Date:**	7/20/2016 2:10:00 PM
Lab ID:	1607G89-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Tetrachloroethene	27000	1800		ug/Kg-dry	227302	500	07/26/2016 12:26	AR
Toluene	240	180		ug/Kg-dry	227302	50	07/26/2016 13:53	AR
trans-1,2-Dichloroethene	45	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
trans-1,3-Dichloropropene	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Trichloroethene	2200	180		ug/Kg-dry	227302	50	07/26/2016 13:53	AR
Trichlorofluoromethane	BRL	2.8		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Vinyl chloride	26	5.7		ug/Kg-dry	227231	1	07/26/2016 00:19	NH
Surr: 4-Bromofluorobenzene	81.2	70-128		%REC	227302	500	07/26/2016 12:26	AR
Surr: 4-Bromofluorobenzene	85.1	70-128		%REC	227302	50	07/26/2016 13:53	AR
Surr: 4-Bromofluorobenzene	108	70-128		%REC	227231	1	07/26/2016 00:19	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227302	50	07/26/2016 13:53	AR
Surr: Dibromofluoromethane	110	78.2-128		%REC	227302	500	07/26/2016 12:26	AR
Surr: Dibromofluoromethane	104	78.2-128		%REC	227231	1	07/26/2016 00:19	NH
Surr: Toluene-d8	98.6	76.5-116		%REC	227302	50	07/26/2016 13:53	AR
Surr: Toluene-d8	100	76.5-116		%REC	227302	500	07/26/2016 12:26	AR
Surr: Toluene-d8	97.6	76.5-116		%REC	227231	1	07/26/2016 00:19	NH
PERCENT MOISTURE D2216								
Percent Moisture	19.1	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-10S-10W(2-2.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:37:00 PM
Lab ID:	1607G89-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
2-Butanone	BRL	52		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
2-Hexanone	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Acetone	BRL	100		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Benzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Bromodichloromethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Bromoform	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Bromomethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Carbon disulfide	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Chlorobenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Chloroethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Chloroform	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Chloromethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Cyclohexane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Dibromochloromethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Ethylbenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Freon-113	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Isopropylbenzene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
m,p-Xylene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Methyl acetate	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Methylcyclohexane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Methylene chloride	BRL	21		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
o-Xylene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	AOC6-SD3-10S-10W(2-2.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 1:37:00 PM
Lab ID:	1607G89-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Tetrachloroethene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Toluene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Trichloroethene	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Vinyl chloride	BRL	10		ug/Kg-dry	227231	1	07/25/2016 22:36	NH
Surr: 4-Bromofluorobenzene	97	70-128		%REC	227231	1	07/25/2016 22:36	NH
Surr: Dibromofluoromethane	102	78.2-128		%REC	227231	1	07/25/2016 22:36	NH
Surr: Toluene-d8	103	76.5-116		%REC	227231	1	07/25/2016 22:36	NH
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-1 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:12:00 AM
Lab ID:	1607G89-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
2-Butanone	BRL	41		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
2-Hexanone	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Acetone	BRL	82		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Benzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Bromodichloromethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Bromoform	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Bromomethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Carbon disulfide	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Chlorobenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Chloroethane	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Chloroform	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Chloromethane	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Cyclohexane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Dibromochloromethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Ethylbenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Freon-113	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Isopropylbenzene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
m,p-Xylene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Methyl acetate	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Methylcyclohexane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Methylene chloride	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
o-Xylene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-1 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:12:00 AM
Lab ID:	1607G89-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Tetrachloroethene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Toluene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Trichloroethene	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Vinyl chloride	BRL	8.2		ug/Kg-dry	227231	1	07/25/2016 23:02	NH
Surr: 4-Bromofluorobenzene	102	70-128		%REC	227231	1	07/25/2016 23:02	NH
Surr: Dibromofluoromethane	111	78.2-128		%REC	227231	1	07/25/2016 23:02	NH
Surr: Toluene-d8	104	76.5-116		%REC	227231	1	07/25/2016 23:02	NH
PERCENT MOISTURE D2216								
Percent Moisture	21.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-1 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:12:00 AM
Lab ID:	1607G89-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
2-Butanone	BRL	50		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
2-Hexanone	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Acetone	BRL	100		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Benzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Bromodichloromethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Bromoform	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Bromomethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Carbon disulfide	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Chlorobenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Chloroethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Chloroform	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Chloromethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Cyclohexane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Dibromochloromethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Ethylbenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Freon-113	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Isopropylbenzene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
m,p-Xylene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Methyl acetate	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Methylcyclohexane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Methylene chloride	BRL	20		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
o-Xylene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-1 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:12:00 AM
Lab ID:	1607G89-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Tetrachloroethene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Toluene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Trichloroethene	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Vinyl chloride	BRL	10		ug/Kg-dry	227231	1	07/25/2016 23:27	NH
Surr: 4-Bromofluorobenzene	99.4	70-128		%REC	227231	1	07/25/2016 23:27	NH
Surr: Dibromofluoromethane	111	78.2-128		%REC	227231	1	07/25/2016 23:27	NH
Surr: Toluene-d8	104	76.5-116		%REC	227231	1	07/25/2016 23:27	NH
PERCENT MOISTURE D2216								
Percent Moisture	23.2	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-2 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:07:00 AM
Lab ID:	1607G89-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,1,2,2-Tetrachloroethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,1,2-Trichloroethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,1-Dichloroethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,1-Dichloroethene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2,4-Trichlorobenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2-Dibromo-3-chloropropane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2-Dibromoethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2-Dichlorobenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2-Dichloroethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,2-Dichloropropane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,3-Dichlorobenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
1,4-Dichlorobenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
2-Butanone	BRL	79		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
2-Hexanone	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
4-Methyl-2-pentanone	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Acetone	BRL	160		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Benzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Bromodichloromethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Bromoform	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Bromomethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Carbon disulfide	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Carbon tetrachloride	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Chlorobenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Chloroethane	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Chloroform	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Chloromethane	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
cis-1,2-Dichloroethene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
cis-1,3-Dichloropropene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Cyclohexane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Dibromochloromethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Dichlorodifluoromethane	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Ethylbenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Freon-113	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Isopropylbenzene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
m,p-Xylene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Methyl acetate	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Methyl tert-butyl ether	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Methylcyclohexane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Methylene chloride	BRL	31		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
o-Xylene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-2 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:07:00 AM
Lab ID:	1607G89-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Tetrachloroethene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Toluene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
trans-1,2-Dichloroethene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
trans-1,3-Dichloropropene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Trichloroethene	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Trichlorofluoromethane	BRL	7.9		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Vinyl chloride	BRL	16		ug/Kg-dry	227231	1	07/25/2016 23:53	NH
Surr: 4-Bromofluorobenzene	80.1	70-128		%REC	227231	1	07/25/2016 23:53	NH
Surr: Dibromofluoromethane	104	78.2-128		%REC	227231	1	07/25/2016 23:53	NH
Surr: Toluene-d8	102	76.5-116		%REC	227231	1	07/25/2016 23:53	NH
PERCENT MOISTURE D2216								
Percent Moisture	28.1	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-3 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:57:00 AM
Lab ID:	1607G89-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
2-Butanone	BRL	32		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
2-Hexanone	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
4-Methyl-2-pentanone	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Acetone	92	64		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Benzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Bromodichloromethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Bromoform	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Bromomethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Carbon disulfide	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Chlorobenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Chloroethane	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Chloroform	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Chloromethane	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Cyclohexane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Dibromochloromethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Dichlorodifluoromethane	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Ethylbenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Freon-113	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Isopropylbenzene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
m,p-Xylene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Methyl acetate	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Methylcyclohexane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Methylene chloride	BRL	13		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
o-Xylene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-3 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:57:00 AM
Lab ID:	1607G89-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Tetrachloroethene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Toluene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Trichloroethene	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Vinyl chloride	BRL	6.4		ug/Kg-dry	227340	1	07/27/2016 18:30	CG
Surr: 4-Bromofluorobenzene	71.3	70-128		%REC	227340	1	07/27/2016 18:30	CG
Surr: Dibromofluoromethane	110	78.2-128		%REC	227340	1	07/27/2016 18:30	CG
Surr: Toluene-d8	127	76.5-116	S	%REC	227340	1	07/27/2016 18:30	CG
PERCENT MOISTURE D2216								
Percent Moisture	18.0	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-3 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:57:00 AM
Lab ID:	1607G89-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
2-Butanone	BRL	45		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
2-Hexanone	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Acetone	BRL	90		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Benzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Bromodichloromethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Bromoform	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Bromomethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Carbon disulfide	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Chlorobenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Chloroethane	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Chloroform	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Chloromethane	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Cyclohexane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Dibromochloromethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Ethylbenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Freon-113	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Isopropylbenzene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
m,p-Xylene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Methyl acetate	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Methylcyclohexane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Methylene chloride	BRL	18		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
o-Xylene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-3 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:57:00 AM
Lab ID:	1607G89-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Tetrachloroethene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Toluene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Trichloroethene	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Vinyl chloride	BRL	9.0		ug/Kg-dry	227340	1	07/27/2016 15:15	CG
Surr: 4-Bromofluorobenzene	89.1	70-128		%REC	227340	1	07/27/2016 15:15	CG
Surr: Dibromofluoromethane	108	78.2-128		%REC	227340	1	07/27/2016 15:15	CG
Surr: Toluene-d8	99.5	76.5-116		%REC	227340	1	07/27/2016 15:15	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.7	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-4 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:19:00 AM
Lab ID:	1607G89-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
2-Butanone	BRL	39		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
2-Hexanone	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
4-Methyl-2-pentanone	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Acetone	BRL	77		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Benzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Bromodichloromethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Bromoform	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Bromomethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Carbon disulfide	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Chlorobenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Chloroethane	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Chloroform	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Chloromethane	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Cyclohexane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Dibromochloromethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Dichlorodifluoromethane	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Ethylbenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Freon-113	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Isopropylbenzene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
m,p-Xylene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Methyl acetate	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Methylcyclohexane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Methylene chloride	BRL	15		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
o-Xylene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-4 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:19:00 AM
Lab ID:	1607G89-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Tetrachloroethene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Toluene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Trichloroethene	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Vinyl chloride	BRL	7.7		ug/Kg-dry	227340	1	07/27/2016 18:54	CG
Surr: 4-Bromofluorobenzene	69.1	70-128	S	%REC	227340	1	07/27/2016 18:54	CG
Surr: Dibromofluoromethane	91.5	78.2-128		%REC	227340	1	07/27/2016 18:54	CG
Surr: Toluene-d8	94.7	76.5-116		%REC	227340	1	07/27/2016 18:54	CG
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-4 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:19:00 AM
Lab ID:	1607G89-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,1,2,2-Tetrachloroethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,1,2-Trichloroethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,1-Dichloroethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,1-Dichloroethene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2,4-Trichlorobenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2-Dibromo-3-chloropropane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2-Dibromoethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2-Dichlorobenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2-Dichloroethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,2-Dichloropropane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,3-Dichlorobenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
1,4-Dichlorobenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
2-Butanone	BRL	2100		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
2-Hexanone	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
4-Methyl-2-pentanone	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Acetone	BRL	4200		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Benzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Bromodichloromethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Bromoform	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Bromomethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Carbon disulfide	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Carbon tetrachloride	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Chlorobenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Chloroethane	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Chloroform	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Chloromethane	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
cis-1,2-Dichloroethene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
cis-1,3-Dichloropropene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Cyclohexane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Dibromochloromethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Dichlorodifluoromethane	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Ethylbenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Freon-113	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Isopropylbenzene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
m,p-Xylene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Methyl acetate	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Methyl tert-butyl ether	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Methylcyclohexane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Methylene chloride	BRL	830		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
o-Xylene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-4 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:19:00 AM
Lab ID:	1607G89-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Tetrachloroethene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Toluene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
trans-1,2-Dichloroethene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
trans-1,3-Dichloropropene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Trichloroethene	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Trichlorofluoromethane	BRL	210		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Vinyl chloride	BRL	420		ug/Kg-dry	227302	50	07/27/2016 19:58	NP
Surr: 4-Bromofluorobenzene	92.7	70-128		%REC	227302	50	07/27/2016 19:58	NP
Surr: Dibromofluoromethane	106	78.2-128		%REC	227302	50	07/27/2016 19:58	NP
Surr: Toluene-d8	93.7	76.5-116		%REC	227302	50	07/27/2016 19:58	NP
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-5 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:22:00 AM
Lab ID:	1607G89-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,1,2,2-Tetrachloroethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,1,2-Trichloroethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,1-Dichloroethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2,4-Trichlorobenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2-Dibromo-3-chloropropane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2-Dibromoethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2-Dichlorobenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2-Dichloroethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,2-Dichloropropane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,3-Dichlorobenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
1,4-Dichlorobenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
2-Butanone	BRL	58		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
2-Hexanone	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Acetone	BRL	120		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Benzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Bromodichloromethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Bromoform	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Bromomethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Carbon disulfide	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Carbon tetrachloride	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Chlorobenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Chloroethane	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Chloroform	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Chloromethane	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
cis-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Cyclohexane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Dibromochloromethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Ethylbenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Freon-113	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Isopropylbenzene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
m,p-Xylene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Methyl acetate	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Methyl tert-butyl ether	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Methylcyclohexane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Methylene chloride	BRL	23		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
o-Xylene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-5 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:22:00 AM
Lab ID:	1607G89-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Tetrachloroethene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Toluene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
trans-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Trichloroethene	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Trichlorofluoromethane	BRL	5.8		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Vinyl chloride	BRL	12		ug/Kg-dry	227340	1	07/27/2016 19:17	CG
Surr: 4-Bromofluorobenzene	75.2	70-128		%REC	227340	1	07/27/2016 19:17	CG
Surr: Dibromofluoromethane	104	78.2-128		%REC	227340	1	07/27/2016 19:17	CG
Surr: Toluene-d8	102	76.5-116		%REC	227340	1	07/27/2016 19:17	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-5 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:22:00 AM
Lab ID:	1607G89-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,1,2,2-Tetrachloroethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,1,2-Trichloroethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,1-Dichloroethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,1-Dichloroethene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2,4-Trichlorobenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2-Dibromo-3-chloropropane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2-Dibromoethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2-Dichlorobenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2-Dichloroethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,2-Dichloropropane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,3-Dichlorobenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
1,4-Dichlorobenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
2-Butanone	BRL	2000		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
2-Hexanone	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
4-Methyl-2-pentanone	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Acetone	BRL	4100		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Benzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Bromodichloromethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Bromoform	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Bromomethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Carbon disulfide	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Carbon tetrachloride	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Chlorobenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Chloroethane	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Chloroform	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Chloromethane	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
cis-1,2-Dichloroethene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
cis-1,3-Dichloropropene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Cyclohexane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Dibromochloromethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Dichlorodifluoromethane	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Ethylbenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Freon-113	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Isopropylbenzene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
m,p-Xylene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Methyl acetate	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Methyl tert-butyl ether	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Methylcyclohexane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Methylene chloride	BRL	810		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
o-Xylene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-5 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:22:00 AM
Lab ID:	1607G89-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Tetrachloroethene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Toluene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
trans-1,2-Dichloroethene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
trans-1,3-Dichloropropene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Trichloroethene	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Trichlorofluoromethane	BRL	200		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Vinyl chloride	BRL	410		ug/Kg-dry	227302	50	07/27/2016 20:24	NP
Surr: 4-Bromofluorobenzene	89.6	70-128		%REC	227302	50	07/27/2016 20:24	NP
Surr: Dibromofluoromethane	101	78.2-128		%REC	227302	50	07/27/2016 20:24	NP
Surr: Toluene-d8	91.3	76.5-116		%REC	227302	50	07/27/2016 20:24	NP
PERCENT MOISTURE D2216								
Percent Moisture	14.6	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-6 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:28:00 AM
Lab ID:	1607G89-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
2-Butanone	BRL	48		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
2-Hexanone	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Acetone	110	97		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Benzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Bromodichloromethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Bromoform	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Bromomethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Carbon disulfide	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Chlorobenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Chloroethane	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Chloroform	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Chloromethane	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Cyclohexane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Dibromochloromethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Ethylbenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Freon-113	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Isopropylbenzene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
m,p-Xylene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Methyl acetate	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Methylcyclohexane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Methylene chloride	BRL	19		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
o-Xylene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-6 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:28:00 AM
Lab ID:	1607G89-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Tetrachloroethene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Toluene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Trichloroethene	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Vinyl chloride	BRL	9.7		ug/Kg-dry	227340	1	07/27/2016 19:41	CG
Surr: 4-Bromofluorobenzene	76.8	70-128		%REC	227340	1	07/27/2016 19:41	CG
Surr: Dibromofluoromethane	85.9	78.2-128		%REC	227340	1	07/27/2016 19:41	CG
Surr: Toluene-d8	81.7	76.5-116		%REC	227340	1	07/27/2016 19:41	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-6 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:28:00 AM
Lab ID:	1607G89-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
2-Butanone	BRL	47		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
2-Hexanone	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Acetone	BRL	94		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Benzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Bromodichloromethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Bromoform	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Bromomethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Carbon disulfide	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Chlorobenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Chloroethane	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Chloroform	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Chloromethane	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Cyclohexane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Dibromochloromethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Ethylbenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Freon-113	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Isopropylbenzene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
m,p-Xylene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Methyl acetate	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Methylcyclohexane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Methylene chloride	BRL	19		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
o-Xylene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-6 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 10:28:00 AM
Lab ID:	1607G89-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Tetrachloroethene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Toluene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Trichloroethene	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Vinyl chloride	BRL	9.4		ug/Kg-dry	227340	1	07/27/2016 16:27	CG
Surr: 4-Bromofluorobenzene	79.9	70-128		%REC	227340	1	07/27/2016 16:27	CG
Surr: Dibromofluoromethane	100	78.2-128		%REC	227340	1	07/27/2016 16:27	CG
Surr: Toluene-d8	110	76.5-116		%REC	227340	1	07/27/2016 16:27	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.7	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-7 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:33:00 AM
Lab ID:	1607G89-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
2-Butanone	BRL	39		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
2-Hexanone	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
4-Methyl-2-pentanone	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Acetone	84	79		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Benzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Bromodichloromethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Bromoform	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Bromomethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Carbon disulfide	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Chlorobenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Chloroethane	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Chloroform	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Chloromethane	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Cyclohexane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Dibromochloromethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Dichlorodifluoromethane	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Ethylbenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Freon-113	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Isopropylbenzene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
m,p-Xylene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Methyl acetate	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Methylcyclohexane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Methylene chloride	BRL	16		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
o-Xylene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-7 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:33:00 AM
Lab ID:	1607G89-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Tetrachloroethene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Toluene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Trichloroethene	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Vinyl chloride	BRL	7.9		ug/Kg-dry	227168	1	07/27/2016 20:04	CG
Surr: 4-Bromofluorobenzene	72.4	70-128		%REC	227168	1	07/27/2016 20:04	CG
Surr: Dibromofluoromethane	87.1	78.2-128		%REC	227168	1	07/27/2016 20:04	CG
Surr: Toluene-d8	94	76.5-116		%REC	227168	1	07/27/2016 20:04	CG
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-7 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:33:00 AM
Lab ID:	1607G89-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
2-Butanone	BRL	42		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
2-Hexanone	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
4-Methyl-2-pentanone	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Acetone	BRL	83		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Benzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Bromodichloromethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Bromoform	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Bromomethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Carbon disulfide	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Chlorobenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Chloroethane	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Chloroform	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Chloromethane	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Cyclohexane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Dibromochloromethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Dichlorodifluoromethane	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Ethylbenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Freon-113	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Isopropylbenzene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
m,p-Xylene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Methyl acetate	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Methylcyclohexane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Methylene chloride	BRL	17		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
o-Xylene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-7 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:33:00 AM
Lab ID:	1607G89-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Tetrachloroethene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Toluene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Trichloroethene	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Vinyl chloride	BRL	8.3		ug/Kg-dry	227168	1	07/27/2016 20:28	CG
Surr: 4-Bromofluorobenzene	82.7	70-128		%REC	227168	1	07/27/2016 20:28	CG
Surr: Dibromofluoromethane	122	78.2-128		%REC	227168	1	07/27/2016 20:28	CG
Surr: Toluene-d8	90.3	76.5-116		%REC	227168	1	07/27/2016 20:28	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-8 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:25:00 AM
Lab ID:	1607G89-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
2-Butanone	BRL	50		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
2-Hexanone	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Acetone	BRL	100		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Benzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Bromodichloromethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Bromoform	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Bromomethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Carbon disulfide	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Chlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Chloroethane	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Chloroform	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Chloromethane	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Cyclohexane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Dibromochloromethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Ethylbenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Freon-113	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Isopropylbenzene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
m,p-Xylene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Methyl acetate	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Methylcyclohexane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Methylene chloride	BRL	20		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
o-Xylene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-8 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:25:00 AM
Lab ID:	1607G89-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Tetrachloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Toluene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Trichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Vinyl chloride	BRL	10		ug/Kg-dry	227168	1	07/28/2016 09:27	NH
Surr: 4-Bromofluorobenzene	99.1	70-128		%REC	227168	1	07/28/2016 09:27	NH
Surr: Dibromofluoromethane	105	78.2-128		%REC	227168	1	07/28/2016 09:27	NH
Surr: Toluene-d8	97	76.5-116		%REC	227168	1	07/28/2016 09:27	NH
PERCENT MOISTURE D2216								
Percent Moisture	18.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-8 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:25:00 AM
Lab ID:	1607G89-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
2-Butanone	BRL	49		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
2-Hexanone	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Acetone	BRL	97		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Benzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Bromodichloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Bromoform	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Bromomethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Carbon disulfide	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Chlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Chloroethane	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Chloroform	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Chloromethane	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Cyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Dibromochloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Ethylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Freon-113	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Isopropylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
m,p-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Methyl acetate	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Methylcyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Methylene chloride	BRL	19		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
o-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-8 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:25:00 AM
Lab ID:	1607G89-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Tetrachloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Toluene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Trichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Vinyl chloride	BRL	9.7		ug/Kg-dry	227317	1	07/26/2016 23:40	NH
Surr: 4-Bromofluorobenzene	96.4	70-128		%REC	227317	1	07/26/2016 23:40	NH
Surr: Dibromofluoromethane	105	78.2-128		%REC	227317	1	07/26/2016 23:40	NH
Surr: Toluene-d8	101	76.5-116		%REC	227317	1	07/26/2016 23:40	NH
PERCENT MOISTURE D2216								
Percent Moisture	20.6	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-9 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:16:00 AM
Lab ID:	1607G89-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
2-Butanone	BRL	44		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
2-Hexanone	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
4-Methyl-2-pentanone	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Acetone	BRL	88		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Benzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Bromodichloromethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Bromoform	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Bromomethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Carbon disulfide	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Chlorobenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Chloroethane	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Chloroform	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Chloromethane	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Cyclohexane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Dibromochloromethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Dichlorodifluoromethane	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Ethylbenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Freon-113	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Isopropylbenzene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
m,p-Xylene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Methyl acetate	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Methylcyclohexane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Methylene chloride	BRL	18		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
o-Xylene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-9 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:16:00 AM
Lab ID:	1607G89-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Tetrachloroethene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Toluene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Trichloroethene	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Vinyl chloride	BRL	8.8		ug/Kg-dry	227317	1	07/27/2016 16:06	NH
Surr: 4-Bromofluorobenzene	95.4	70-128		%REC	227317	1	07/27/2016 16:06	NH
Surr: Dibromofluoromethane	107	78.2-128		%REC	227317	1	07/27/2016 16:06	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 16:06	NH
PERCENT MOISTURE D2216								
Percent Moisture	15.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-9 (3-4.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:16:00 AM
Lab ID:	1607G89-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
2-Butanone	BRL	50		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
2-Hexanone	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Acetone	BRL	100		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Benzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Bromodichloromethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Bromoform	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Bromomethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Carbon disulfide	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Chlorobenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Chloroethane	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Chloroform	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Chloromethane	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Cyclohexane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Dibromochloromethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Ethylbenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Freon-113	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Isopropylbenzene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
m,p-Xylene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Methyl acetate	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Methylcyclohexane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Methylene chloride	BRL	20		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
o-Xylene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-9 (3-4.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:16:00 AM
Lab ID:	1607G89-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Tetrachloroethene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Toluene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Trichloroethene	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Vinyl chloride	BRL	10		ug/Kg-dry	227317	1	07/27/2016 00:06	NH
Surr: 4-Bromofluorobenzene	97.4	70-128		%REC	227317	1	07/27/2016 00:06	NH
Surr: Dibromofluoromethane	102	78.2-128		%REC	227317	1	07/27/2016 00:06	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 00:06	NH
PERCENT MOISTURE D2216								
Percent Moisture	11.1	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-10 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:10:00 AM
Lab ID:	1607G89-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,1,2,2-Tetrachloroethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,1,2-Trichloroethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,1-Dichloroethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,1-Dichloroethene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2,4-Trichlorobenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2-Dibromo-3-chloropropane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2-Dibromoethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2-Dichlorobenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2-Dichloroethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,2-Dichloropropane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,3-Dichlorobenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
1,4-Dichlorobenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
2-Butanone	BRL	65		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
2-Hexanone	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Acetone	BRL	130		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Benzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Bromodichloromethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Bromoform	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Bromomethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Carbon disulfide	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Carbon tetrachloride	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Chlorobenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Chloroethane	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Chloroform	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Chloromethane	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
cis-1,2-Dichloroethene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
cis-1,3-Dichloropropene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Cyclohexane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Dibromochloromethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Ethylbenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Freon-113	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Isopropylbenzene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
m,p-Xylene	16	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Methyl acetate	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Methyl tert-butyl ether	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Methylcyclohexane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Methylene chloride	BRL	26		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
o-Xylene	6.5	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-10 (2-3FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:10:00 AM
Lab ID:	1607G89-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Tetrachloroethene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Toluene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
trans-1,2-Dichloroethene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
trans-1,3-Dichloropropene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Trichloroethene	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Trichlorofluoromethane	BRL	6.5		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Vinyl chloride	BRL	13		ug/Kg-dry	227317	1	07/27/2016 16:32	NH
Surr: 4-Bromofluorobenzene	82.5	70-128		%REC	227317	1	07/27/2016 16:32	NH
Surr: Dibromofluoromethane	104	78.2-128		%REC	227317	1	07/27/2016 16:32	NH
Surr: Toluene-d8	101	76.5-116		%REC	227317	1	07/27/2016 16:32	NH
PERCENT MOISTURE D2216								
Percent Moisture	28.3	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-10 (3-4.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:10:00 AM
Lab ID:	1607G89-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,1,2,2-Tetrachloroethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,1,2-Trichloroethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,1-Dichloroethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2,4-Trichlorobenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2-Dibromo-3-chloropropane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2-Dibromoethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2-Dichlorobenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2-Dichloroethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,2-Dichloropropane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,3-Dichlorobenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
1,4-Dichlorobenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
2-Butanone	BRL	62		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
2-Hexanone	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Acetone	BRL	120		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Benzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Bromodichloromethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Bromoform	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Bromomethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Carbon disulfide	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Carbon tetrachloride	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Chlorobenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Chloroethane	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Chloroform	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Chloromethane	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
cis-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
cis-1,3-Dichloropropene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Cyclohexane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Dibromochloromethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Ethylbenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Freon-113	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Isopropylbenzene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
m,p-Xylene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Methyl acetate	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Methyl tert-butyl ether	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Methylcyclohexane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Methylene chloride	BRL	25		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
o-Xylene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-10 (3-4.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:10:00 AM
Lab ID:	1607G89-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Tetrachloroethene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Toluene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
trans-1,3-Dichloropropene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Trichloroethene	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Trichlorofluoromethane	BRL	6.2		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Vinyl chloride	BRL	12		ug/Kg-dry	227317	1	07/27/2016 00:31	NH
Surr: 4-Bromofluorobenzene	89.1	70-128		%REC	227317	1	07/27/2016 00:31	NH
Surr: Dibromofluoromethane	102	78.2-128		%REC	227317	1	07/27/2016 00:31	NH
Surr: Toluene-d8	99.4	76.5-116		%REC	227317	1	07/27/2016 00:31	NH
PERCENT MOISTURE D2216								
Percent Moisture	24.6	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-11 (2-3.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:05:00 AM
Lab ID:	1607G89-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,1,2,2-Tetrachloroethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,1,2-Trichloroethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,1-Dichloroethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2,4-Trichlorobenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2-Dibromo-3-chloropropane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2-Dibromoethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2-Dichlorobenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2-Dichloroethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,2-Dichloropropane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,3-Dichlorobenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
1,4-Dichlorobenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
2-Butanone	BRL	57		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
2-Hexanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Acetone	BRL	110		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Benzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Bromodichloromethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Bromoform	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Bromomethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Carbon disulfide	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Carbon tetrachloride	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Chlorobenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Chloroethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Chloroform	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Chloromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
cis-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Cyclohexane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Dibromochloromethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Ethylbenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Freon-113	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Isopropylbenzene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
m,p-Xylene	12	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Methyl acetate	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Methyl tert-butyl ether	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Methylcyclohexane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Methylene chloride	BRL	23		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
o-Xylene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-11 (2-3.5FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:05:00 AM
Lab ID:	1607G89-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Tetrachloroethene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Toluene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
trans-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Trichloroethene	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Trichlorofluoromethane	BRL	5.7		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Vinyl chloride	BRL	11		ug/Kg-dry	227317	1	07/27/2016 16:58	NH
Surr: 4-Bromofluorobenzene	86.3	70-128		%REC	227317	1	07/27/2016 16:58	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 16:58	NH
Surr: Toluene-d8	102	76.5-116		%REC	227317	1	07/27/2016 16:58	NH
PERCENT MOISTURE D2216								
Percent Moisture	10.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-11 (4-5 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:05:00 AM
Lab ID:	1607G89-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
2-Butanone	BRL	49		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
2-Hexanone	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
4-Methyl-2-pentanone	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Acetone	BRL	98		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Benzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Bromodichloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Bromoform	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Bromomethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Carbon disulfide	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Chlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Chloroethane	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Chloroform	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Chloromethane	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Cyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Dibromochloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Dichlorodifluoromethane	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Ethylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Freon-113	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Isopropylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
m,p-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Methyl acetate	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Methylcyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Methylene chloride	BRL	20		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
o-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-11 (4-5 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:05:00 AM
Lab ID:	1607G89-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Tetrachloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Toluene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Trichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Vinyl chloride	BRL	9.8		ug/Kg-dry	227317	1	07/27/2016 00:57	NH
Surr: 4-Bromofluorobenzene	86.6	70-128		%REC	227317	1	07/27/2016 00:57	NH
Surr: Dibromofluoromethane	102	78.2-128		%REC	227317	1	07/27/2016 00:57	NH
Surr: Toluene-d8	103	76.5-116		%REC	227317	1	07/27/2016 00:57	NH
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-12 (4-4.5 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:00:00 AM
Lab ID:	1607G89-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,1,2,2-Tetrachloroethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,1,2-Trichloroethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,1-Dichloroethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,1-Dichloroethene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2,4-Trichlorobenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2-Dibromo-3-chloropropane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2-Dibromoethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2-Dichlorobenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2-Dichloroethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,2-Dichloropropane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,3-Dichlorobenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
1,4-Dichlorobenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
2-Butanone	BRL	91		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
2-Hexanone	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
4-Methyl-2-pentanone	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Acetone	BRL	180		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Benzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Bromodichloromethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Bromoform	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Bromomethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Carbon disulfide	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Carbon tetrachloride	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Chlorobenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Chloroethane	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Chloroform	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Chloromethane	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
cis-1,2-Dichloroethene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
cis-1,3-Dichloropropene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Cyclohexane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Dibromochloromethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Dichlorodifluoromethane	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Ethylbenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Freon-113	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Isopropylbenzene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
m,p-Xylene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Methyl acetate	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Methyl tert-butyl ether	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Methylcyclohexane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Methylene chloride	BRL	37		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
o-Xylene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-12 (4-4.5 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:00:00 AM
Lab ID:	1607G89-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Tetrachloroethene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Toluene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
trans-1,2-Dichloroethene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
trans-1,3-Dichloropropene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Trichloroethene	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Trichlorofluoromethane	BRL	9.1		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Vinyl chloride	BRL	18		ug/Kg-dry	227317	1	07/27/2016 01:22	NH
Surr: 4-Bromofluorobenzene	90.8	70-128		%REC	227317	1	07/27/2016 01:22	NH
Surr: Dibromofluoromethane	105	78.2-128		%REC	227317	1	07/27/2016 01:22	NH
Surr: Toluene-d8	99.6	76.5-116		%REC	227317	1	07/27/2016 01:22	NH
PERCENT MOISTURE D2216								
Percent Moisture	34.5	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-12 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:00:00 AM
Lab ID:	1607G89-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,1,2,2-Tetrachloroethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,1,2-Trichloroethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,1-Dichloroethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,1-Dichloroethene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2,4-Trichlorobenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2-Dibromo-3-chloropropane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2-Dibromoethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2-Dichlorobenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2-Dichloroethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,2-Dichloropropane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,3-Dichlorobenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
1,4-Dichlorobenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
2-Butanone	BRL	55		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
2-Hexanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Acetone	BRL	110		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Benzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Bromodichloromethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Bromoform	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Bromomethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Carbon disulfide	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Carbon tetrachloride	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Chlorobenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Chloroethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Chloroform	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Chloromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
cis-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
cis-1,3-Dichloropropene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Cyclohexane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Dibromochloromethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Ethylbenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Freon-113	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Isopropylbenzene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
m,p-Xylene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Methyl acetate	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Methyl tert-butyl ether	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Methylcyclohexane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Methylene chloride	BRL	22		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
o-Xylene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-12 (2.5-3.0FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 9:00:00 AM
Lab ID:	1607G89-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Tetrachloroethene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Toluene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
trans-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
trans-1,3-Dichloropropene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Trichloroethene	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Trichlorofluoromethane	BRL	5.5		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Vinyl chloride	BRL	11		ug/Kg-dry	227317	1	07/27/2016 05:35	NH
Surr: 4-Bromofluorobenzene	86.1	70-128		%REC	227317	1	07/27/2016 05:35	NH
Surr: Dibromofluoromethane	109	78.2-128		%REC	227317	1	07/27/2016 05:35	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 05:35	NH
PERCENT MOISTURE D2216								
Percent Moisture	24.9	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-13 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:00:00 AM
Lab ID:	1607G89-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
2-Butanone	BRL	49		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
2-Hexanone	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Acetone	BRL	97		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Benzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Bromodichloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Bromoform	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Bromomethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Carbon disulfide	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Chlorobenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Chloroethane	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Chloroform	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Chloromethane	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Cyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Dibromochloromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Ethylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Freon-113	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Isopropylbenzene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
m,p-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Methyl acetate	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Methylcyclohexane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Methylene chloride	BRL	19		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
o-Xylene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-13 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:00:00 AM
Lab ID:	1607G89-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Tetrachloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Toluene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Trichloroethene	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Vinyl chloride	BRL	9.7		ug/Kg-dry	227317	1	07/27/2016 01:48	NH
Surr: 4-Bromofluorobenzene	98.6	70-128		%REC	227317	1	07/27/2016 01:48	NH
Surr: Dibromofluoromethane	100	78.2-128		%REC	227317	1	07/27/2016 01:48	NH
Surr: Toluene-d8	103	76.5-116		%REC	227317	1	07/27/2016 01:48	NH
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-14 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:16:00 AM
Lab ID:	1607G89-034	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
2-Butanone	BRL	33		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
2-Hexanone	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Acetone	BRL	67		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Benzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Bromodichloromethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Bromoform	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Bromomethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Carbon disulfide	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Chlorobenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Chloroethane	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Chloroform	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Chloromethane	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Cyclohexane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Dibromochloromethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Ethylbenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Freon-113	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Isopropylbenzene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
m,p-Xylene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Methyl acetate	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Methylcyclohexane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Methylene chloride	BRL	13		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
o-Xylene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-14 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:16:00 AM
Lab ID:	1607G89-034	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Tetrachloroethene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Toluene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Trichloroethene	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Vinyl chloride	BRL	6.7		ug/Kg-dry	227317	1	07/27/2016 06:00	NH
Surr: 4-Bromofluorobenzene	93.9	70-128		%REC	227317	1	07/27/2016 06:00	NH
Surr: Dibromofluoromethane	108	78.2-128		%REC	227317	1	07/27/2016 06:00	NH
Surr: Toluene-d8	106	76.5-116		%REC	227317	1	07/27/2016 06:00	NH
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-14 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:16:00 AM
Lab ID:	1607G89-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,1,2,2-Tetrachloroethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,1,2-Trichloroethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,1-Dichloroethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2,4-Trichlorobenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2-Dibromo-3-chloropropane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2-Dibromoethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2-Dichlorobenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2-Dichloroethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,2-Dichloropropane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,3-Dichlorobenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
1,4-Dichlorobenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
2-Butanone	BRL	53		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
2-Hexanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Acetone	BRL	110		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Benzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Bromodichloromethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Bromoform	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Bromomethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Carbon disulfide	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Carbon tetrachloride	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Chlorobenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Chloroethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Chloroform	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Chloromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
cis-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
cis-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Cyclohexane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Dibromochloromethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Ethylbenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Freon-113	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Isopropylbenzene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
m,p-Xylene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Methyl acetate	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Methyl tert-butyl ether	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Methylcyclohexane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Methylene chloride	BRL	21		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
o-Xylene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-14 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:16:00 AM
Lab ID:	1607G89-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Tetrachloroethene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Toluene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
trans-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Trichloroethene	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Trichlorofluoromethane	BRL	5.3		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Vinyl chloride	BRL	11		ug/Kg-dry	227317	1	07/27/2016 02:13	NH
Surr: 4-Bromofluorobenzene	102	70-128		%REC	227317	1	07/27/2016 02:13	NH
Surr: Dibromofluoromethane	110	78.2-128		%REC	227317	1	07/27/2016 02:13	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 02:13	NH
PERCENT MOISTURE D2216								
Percent Moisture	19.8	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-15 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:11:00 AM
Lab ID:	1607G89-036	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
2-Butanone	BRL	36		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
2-Hexanone	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
4-Methyl-2-pentanone	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Acetone	BRL	72		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Benzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Bromodichloromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Bromoform	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Bromomethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Carbon disulfide	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Chlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Chloroethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Chloroform	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Chloromethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Cyclohexane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Dibromochloromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Ethylbenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Freon-113	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Isopropylbenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
m,p-Xylene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Methyl acetate	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Methylcyclohexane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Methylene chloride	BRL	14		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
o-Xylene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-15 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:11:00 AM
Lab ID:	1607G89-036	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Tetrachloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Toluene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Trichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Vinyl chloride	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:25	NH
Surr: 4-Bromofluorobenzene	97.6	70-128		%REC	227317	1	07/27/2016 06:25	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 06:25	NH
Surr: Toluene-d8	106	76.5-116		%REC	227317	1	07/27/2016 06:25	NH
PERCENT MOISTURE D2216								
Percent Moisture	10.8	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-15 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:11:00 AM
Lab ID:	1607G89-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
2-Butanone	BRL	45		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
2-Hexanone	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Acetone	BRL	89		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Benzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Bromodichloromethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Bromoform	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Bromomethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Carbon disulfide	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Chlorobenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Chloroethane	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Chloroform	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Chloromethane	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Cyclohexane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Dibromochloromethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Ethylbenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Freon-113	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Isopropylbenzene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
m,p-Xylene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Methyl acetate	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Methylcyclohexane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Methylene chloride	BRL	18		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
o-Xylene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-15 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:11:00 AM
Lab ID:	1607G89-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Tetrachloroethene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Toluene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Trichloroethene	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Vinyl chloride	BRL	8.9		ug/Kg-dry	227317	1	07/27/2016 02:39	NH
Surr: 4-Bromofluorobenzene	95	70-128		%REC	227317	1	07/27/2016 02:39	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 02:39	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 02:39	NH
PERCENT MOISTURE D2216								
Percent Moisture	24.9	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-16 (2'-3' FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:22:00 AM
Lab ID:	1607G89-038	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
2-Butanone	BRL	36		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
2-Hexanone	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
4-Methyl-2-pentanone	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Acetone	BRL	72		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Benzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Bromodichloromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Bromoform	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Bromomethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Carbon disulfide	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Chlorobenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Chloroethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Chloroform	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Chloromethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Cyclohexane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Dibromochloromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Ethylbenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Freon-113	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Isopropylbenzene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
m,p-Xylene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Methyl acetate	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Methylcyclohexane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Methylene chloride	BRL	14		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
o-Xylene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-16 (2'-3' FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:22:00 AM
Lab ID:	1607G89-038	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Tetrachloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Toluene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Trichloroethene	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Vinyl chloride	BRL	7.2		ug/Kg-dry	227317	1	07/27/2016 06:50	NH
Surr: 4-Bromofluorobenzene	97.3	70-128		%REC	227317	1	07/27/2016 06:50	NH
Surr: Dibromofluoromethane	107	78.2-128		%REC	227317	1	07/27/2016 06:50	NH
Surr: Toluene-d8	104	76.5-116		%REC	227317	1	07/27/2016 06:50	NH
PERCENT MOISTURE D2216								
Percent Moisture	12.3	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-16 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:22:00 AM
Lab ID:	1607G89-039	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
2-Butanone	BRL	40		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
2-Hexanone	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
4-Methyl-2-pentanone	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Acetone	BRL	80		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Benzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Bromodichloromethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Bromoform	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Bromomethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Carbon disulfide	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Chlorobenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Chloroethane	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Chloroform	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Chloromethane	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Cyclohexane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Dibromochloromethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Dichlorodifluoromethane	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Ethylbenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Freon-113	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Isopropylbenzene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
m,p-Xylene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Methyl acetate	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Methylcyclohexane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Methylene chloride	BRL	16		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
o-Xylene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-16 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:22:00 AM
Lab ID:	1607G89-039	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Tetrachloroethene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Toluene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Trichloroethene	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Vinyl chloride	BRL	8.0		ug/Kg-dry	227317	1	07/27/2016 03:04	NH
Surr: 4-Bromofluorobenzene	98.6	70-128		%REC	227317	1	07/27/2016 03:04	NH
Surr: Dibromofluoromethane	105	78.2-128		%REC	227317	1	07/27/2016 03:04	NH
Surr: Toluene-d8	103	76.5-116		%REC	227317	1	07/27/2016 03:04	NH
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-17 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:50:00 AM
Lab ID:	1607G89-040	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
2-Butanone	BRL	41		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
2-Hexanone	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
4-Methyl-2-pentanone	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Acetone	BRL	83		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Benzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Bromodichloromethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Bromoform	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Bromomethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Carbon disulfide	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Chlorobenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Chloroethane	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Chloroform	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Chloromethane	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Cyclohexane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Dibromochloromethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Dichlorodifluoromethane	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Ethylbenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Freon-113	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Isopropylbenzene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
m,p-Xylene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Methyl acetate	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Methylcyclohexane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Methylene chloride	BRL	17		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
o-Xylene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-17 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:50:00 AM
Lab ID:	1607G89-040	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Tetrachloroethene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Toluene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Trichloroethene	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Vinyl chloride	BRL	8.3		ug/Kg-dry	227317	1	07/27/2016 07:16	NH
Surr: 4-Bromofluorobenzene	94.4	70-128		%REC	227317	1	07/27/2016 07:16	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 07:16	NH
Surr: Toluene-d8	102	76.5-116		%REC	227317	1	07/27/2016 07:16	NH
PERCENT MOISTURE D2216								
Percent Moisture	13.1	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-17 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:50:00 AM
Lab ID:	1607G89-041	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,1,2,2-Tetrachloroethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,1,2-Trichloroethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,1-Dichloroethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,1-Dichloroethene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2,4-Trichlorobenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2-Dibromo-3-chloropropane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2-Dibromoethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2-Dichlorobenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2-Dichloroethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,2-Dichloropropane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,3-Dichlorobenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
1,4-Dichlorobenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
2-Butanone	BRL	26		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
2-Hexanone	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
4-Methyl-2-pentanone	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Acetone	BRL	52		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Benzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Bromodichloromethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Bromoform	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Bromomethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Carbon disulfide	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Carbon tetrachloride	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Chlorobenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Chloroethane	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Chloroform	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Chloromethane	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
cis-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
cis-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Cyclohexane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Dibromochloromethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Dichlorodifluoromethane	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Ethylbenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Freon-113	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Isopropylbenzene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
m,p-Xylene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Methyl acetate	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Methyl tert-butyl ether	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Methylcyclohexane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Methylene chloride	BRL	10		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
o-Xylene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-17 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:50:00 AM
Lab ID:	1607G89-041	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Tetrachloroethene	4.7	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Toluene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
trans-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
trans-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Trichloroethene	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Trichlorofluoromethane	BRL	2.6		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Vinyl chloride	BRL	5.2		ug/Kg-dry	227317	1	07/27/2016 03:29	NH
Surr: 4-Bromofluorobenzene	100	70-128		%REC	227317	1	07/27/2016 03:29	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 03:29	NH
Surr: Toluene-d8	102	76.5-116		%REC	227317	1	07/27/2016 03:29	NH
PERCENT MOISTURE D2216								
Percent Moisture	3.74	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-18 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:43:00 AM
Lab ID:	1607G89-042	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
2-Butanone	BRL	35		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
2-Hexanone	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
4-Methyl-2-pentanone	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Acetone	BRL	69		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Benzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Bromodichloromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Bromoform	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Bromomethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Carbon disulfide	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Chlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Chloroethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Chloroform	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Chloromethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Cyclohexane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Dibromochloromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Dichlorodifluoromethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Ethylbenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Freon-113	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Isopropylbenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
m,p-Xylene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Methyl acetate	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Methylcyclohexane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Methylene chloride	BRL	14		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
o-Xylene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-18 (2-3 FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:43:00 AM
Lab ID:	1607G89-042	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Tetrachloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Toluene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Trichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Vinyl chloride	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 17:24	NH
Surr: 4-Bromofluorobenzene	83.9	70-128		%REC	227317	1	07/27/2016 17:24	NH
Surr: Dibromofluoromethane	110	78.2-128		%REC	227317	1	07/27/2016 17:24	NH
Surr: Toluene-d8	102	76.5-116		%REC	227317	1	07/27/2016 17:24	NH
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-18 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:43:00 AM
Lab ID:	1607G89-043	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
2-Butanone	BRL	35		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
2-Hexanone	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
4-Methyl-2-pentanone	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Acetone	BRL	69		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Benzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Bromodichloromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Bromoform	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Bromomethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Carbon disulfide	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Chlorobenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Chloroethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Chloroform	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Chloromethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Cyclohexane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Dibromochloromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Dichlorodifluoromethane	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Ethylbenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Freon-113	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Isopropylbenzene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
m,p-Xylene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Methyl acetate	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Methylcyclohexane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Methylene chloride	BRL	14		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
o-Xylene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	SB-18 (3-4FT)
Project Name:	MTL	**Collection Date:**	7/20/2016 11:43:00 AM
Lab ID:	1607G89-043	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Tetrachloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Toluene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Trichloroethene	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Vinyl chloride	BRL	6.9		ug/Kg-dry	227317	1	07/27/2016 03:54	NH
Surr: 4-Bromofluorobenzene	98.4	70-128		%REC	227317	1	07/27/2016 03:54	NH
Surr: Dibromofluoromethane	106	78.2-128		%REC	227317	1	07/27/2016 03:54	NH
Surr: Toluene-d8	103	76.5-116		%REC	227317	1	07/27/2016 03:54	NH
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TRIP BLANK
Project Name:	MTL	**Collection Date:**	7/21/2016
Lab ID:	1607G89-044	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,1-Dichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,1-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2-Dibromoethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2-Dichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,2-Dichloropropane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
2-Butanone	BRL	50		ug/L	227083	1	07/22/2016 19:06	NP
2-Hexanone	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
4-Methyl-2-pentanone	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
Acetone	BRL	50		ug/L	227083	1	07/22/2016 19:06	NP
Benzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Bromodichloromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Bromoform	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Bromomethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Carbon disulfide	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Carbon tetrachloride	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Chlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Chloroethane	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
Chloroform	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Chloromethane	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Cyclohexane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Dibromochloromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Dichlorodifluoromethane	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
Ethylbenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Freon-113	BRL	10		ug/L	227083	1	07/22/2016 19:06	NP
Isopropylbenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
m,p-Xylene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Methyl acetate	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Methylcyclohexane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Methylene chloride	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
o-Xylene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TRIP BLANK
Project Name:	MTL	**Collection Date:**	7/21/2016
Lab ID:	1607G89-044	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Tetrachloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Toluene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Trichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Trichlorofluoromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:06	NP
Vinyl chloride	BRL	2.0		ug/L	227083	1	07/22/2016 19:06	NP
Surr: 4-Bromofluorobenzene	84.8	70.7-125		%REC	227083	1	07/22/2016 19:06	NP
Surr: Dibromofluoromethane	113	82.2-120		%REC	227083	1	07/22/2016 19:06	NP
Surr: Toluene-d8	101	81.8-120		%REC	227083	1	07/22/2016 19:06	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	EQUIPMENT RINSE
Project Name:	MTL	**Collection Date:**	7/20/2016 3:05:00 PM
Lab ID:	1607G89-045	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,1-Dichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,1-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2-Dibromoethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2-Dichloroethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,2-Dichloropropane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
2-Butanone	BRL	50		ug/L	227083	1	07/22/2016 19:32	NP
2-Hexanone	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
Acetone	BRL	50		ug/L	227083	1	07/22/2016 19:32	NP
Benzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Bromodichloromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Bromoform	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Bromomethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Carbon disulfide	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Carbon tetrachloride	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Chlorobenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Chloroethane	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
Chloroform	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Chloromethane	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Cyclohexane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Dibromochloromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Dichlorodifluoromethane	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
Ethylbenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Freon-113	BRL	10		ug/L	227083	1	07/22/2016 19:32	NP
Isopropylbenzene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
m,p-Xylene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Methyl acetate	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Methylcyclohexane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Methylene chloride	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
o-Xylene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	EQUIPMENT RINSE
Project Name:	MTL	**Collection Date:**	7/20/2016 3:05:00 PM
Lab ID:	1607G89-045	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Tetrachloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Toluene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Trichloroethene	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Trichlorofluoromethane	BRL	5.0		ug/L	227083	1	07/22/2016 19:32	NP
Vinyl chloride	BRL	2.0		ug/L	227083	1	07/22/2016 19:32	NP
Surr: 4-Bromofluorobenzene	86.5	70.7-125		%REC	227083	1	07/22/2016 19:32	NP
Surr: Dibromofluoromethane	118	82.2-120		%REC	227083	1	07/22/2016 19:32	NP
Surr: Toluene-d8	103	81.8-120		%REC	227083	1	07/22/2016 19:32	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TB-1
Project Name:	MTL	**Collection Date:**	7/20/2016
Lab ID:	1607G89-046	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,1,2,2-Tetrachloroethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,1,2-Trichloroethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,1-Dichloroethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,1-Dichloroethene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2,4-Trichlorobenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2-Dibromo-3-chloropropane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2-Dibromoethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2-Dichlorobenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2-Dichloroethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,2-Dichloropropane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,3-Dichlorobenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
1,4-Dichlorobenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
2-Butanone	BRL	70		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
2-Hexanone	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
4-Methyl-2-pentanone	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Acetone	BRL	140		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Benzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Bromodichloromethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Bromoform	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Bromomethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Carbon disulfide	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Carbon tetrachloride	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Chlorobenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Chloroethane	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Chloroform	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Chloromethane	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
cis-1,2-Dichloroethene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
cis-1,3-Dichloropropene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Cyclohexane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Dibromochloromethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Dichlorodifluoromethane	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Ethylbenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Freon-113	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Isopropylbenzene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
m,p-Xylene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Methyl acetate	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Methyl tert-butyl ether	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Methylcyclohexane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Methylene chloride	BRL	28		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
o-Xylene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TB-1
Project Name:	MTL	**Collection Date:**	7/20/2016
Lab ID:	1607G89-046	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Tetrachloroethene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Toluene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
trans-1,2-Dichloroethene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
trans-1,3-Dichloropropene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Trichloroethene	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Trichlorofluoromethane	BRL	7.0		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Vinyl chloride	BRL	14		ug/Kg-dry	227168	1	07/28/2016 09:53	NH
Surr: 4-Bromofluorobenzene	88	70-128		%REC	227168	1	07/28/2016 09:53	NH
Surr: Dibromofluoromethane	105	78.2-128		%REC	227168	1	07/28/2016 09:53	NH
Surr: Toluene-d8	99.3	76.5-116		%REC	227168	1	07/28/2016 09:53	NH
PERCENT MOISTURE D2216								
Percent Moisture	49.9	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TB-2
Project Name:	MTL	**Collection Date:**	7/20/2016
Lab ID:	1607G89-047	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
2-Butanone	BRL	50		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
2-Hexanone	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
4-Methyl-2-pentanone	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Acetone	BRL	99		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Benzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Bromodichloromethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Bromoform	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Bromomethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Carbon disulfide	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Chlorobenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Chloroethane	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Chloroform	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Chloromethane	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Cyclohexane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Dibromochloromethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Dichlorodifluoromethane	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Ethylbenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Freon-113	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Isopropylbenzene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
m,p-Xylene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Methyl acetate	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Methylcyclohexane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Methylene chloride	BRL	20		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
o-Xylene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 2-Aug-16

Client:	Environmental International Corp	**Client Sample ID:**	TB-2
Project Name:	MTL	**Collection Date:**	7/20/2016
Lab ID:	1607G89-047	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Tetrachloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Toluene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Trichloroethene	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Vinyl chloride	BRL	9.9		ug/Kg-dry	227168	1	07/27/2016 20:52	CG
Surr: 4-Bromofluorobenzene	96.9	70-128		%REC	227168	1	07/27/2016 20:52	CG
Surr: Dibromofluoromethane	94.2	78.2-128		%REC	227168	1	07/27/2016 20:52	CG
Surr: Toluene-d8	89.3	76.5-116		%REC	227168	1	07/27/2016 20:52	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R321930	1	07/27/2016 08:30	JS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ENV. INTERNATIONAL CORP. Work Order Number 1607689

Checklist completed by _____ 7/21/2016
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 1.8°C Cooler #2 0.9°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227083

Sample ID: **MB-227083** Client ID: Units: **ug/L** Prep Date: **07/21/2016** Run No: **321500**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227083** Analysis Date: **07/21/2016** Seq No: **6946773**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227083

Sample ID: **MB-227083** Client ID: Units: **ug/L** Prep Date: **07/21/2016** Run No: **321500**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227083** Analysis Date: **07/21/2016** Seq No: **6946773**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	42.50	0	50.00		85.0	70.7	125				
Surr: Dibromofluoromethane	58.82	0	50.00		118	82.2	120				
Surr: Toluene-d8	51.03	0	50.00		102	81.8	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227083

Sample ID: **LCS-227083**	Client ID:		Units: **ug/L**	Prep Date: **07/21/2016**	Run No: **321500**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227083**	Analysis Date: **07/21/2016**	Seq No: **6946772**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.24	5.0	50.00		116	65.3	137				
Benzene	50.84	5.0	50.00	0.4800	101	74.9	123				
Chlorobenzene	47.80	5.0	50.00		95.6	73.9	124				
Toluene	53.21	5.0	50.00		106	75	124				
Trichloroethene	48.13	5.0	50.00		96.3	73.1	128				
Surr: 4-Bromofluorobenzene	43.92	0	50.00		87.8	70.7	125				
Surr: Dibromofluoromethane	53.60	0	50.00		107	82.2	120				
Surr: Toluene-d8	50.15	0	50.00		100	81.8	120				

Sample ID: **1607E21-002AMS**	Client ID:		Units: **ug/L**	Prep Date: **07/21/2016**	Run No: **321500**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227083**	Analysis Date: **07/21/2016**	Seq No: **6948837**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.43	5.0	50.00		117	60	150				
Benzene	51.36	5.0	50.00		103	70.1	132				
Chlorobenzene	52.49	5.0	50.00		105	70.9	131				
Toluene	53.01	5.0	50.00		106	70.1	133				
Trichloroethene	51.17	5.0	50.00		102	70	136				
Surr: 4-Bromofluorobenzene	42.33	0	50.00		84.7	70.7	125				
Surr: Dibromofluoromethane	50.03	0	50.00		100	82.2	120				
Surr: Toluene-d8	46.21	0	50.00		92.4	81.8	120				

Sample ID: **1607E21-002AMSD**	Client ID:		Units: **ug/L**	Prep Date: **07/21/2016**	Run No: **321500**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227083**	Analysis Date: **07/21/2016**	Seq No: **6948838**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.05	5.0	50.00		112	60	150	58.43	4.16	17.7	
Benzene	49.55	5.0	50.00		99.1	70.1	132	51.36	3.59	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227083

Sample ID: **1607E21-002AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **07/21/2016** Run No: **321500**
BatchID: **227083** Analysis Date: **07/21/2016** Seq No: **6948838**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	49.13	5.0	50.00		98.3	70.9	131	52.49	6.61	20	
Toluene	51.55	5.0	50.00		103	70.1	133	53.01	2.79	20	
Trichloroethene	47.54	5.0	50.00		95.1	70	136	51.17	7.35	20	
Surr: 4-Bromofluorobenzene	42.76	0	50.00		85.5	70.7	125	42.33	0	0	
Surr: Dibromofluoromethane	51.24	0	50.00		102	82.2	120	50.03	0	0	
Surr: Toluene-d8	47.11	0	50.00		94.2	81.8	120	46.21	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227231

Sample ID: **MB-227231** Client ID: Units: **ug/Kg** Prep Date: **07/25/2016** Run No: **321704**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953383**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227231

Sample ID: **MB-227231** Client ID: Units: **ug/Kg** Prep Date: **07/25/2016** Run No: **321704**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953383**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	49.66	0	50.00		99.3	70	128				
Surr: Dibromofluoromethane	52.70	0	50.00		105	78.2	128				
Surr: Toluene-d8	51.02	0	50.00		102	76.5	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227231

Sample ID: **LCS-227231** Client ID: Units: **ug/Kg** Prep Date: **07/25/2016** Run No: **321704**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953382**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	45.59	5.0	50.00		91.2	69.9	145				
Benzene	41.53	5.0	50.00		83.1	72.3	130				
Chlorobenzene	39.95	5.0	50.00		79.9	69	130				
Toluene	40.90	5.0	50.00		81.8	71.1	130				
Trichloroethene	37.58	5.0	50.00		75.2	71.7	136				
Surr: 4-Bromofluorobenzene	51.01	0	50.00		102	70	128				
Surr: Dibromofluoromethane	51.67	0	50.00		103	78.2	128				
Surr: Toluene-d8	50.44	0	50.00		101	76.5	116				

Sample ID: **1607J26-002AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **07/25/2016** Run No: **321704**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953425**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.40	5.6	55.96		91.8	56.6	151				
Benzene	46.98	5.6	55.96		83.9	70.4	130				
Chlorobenzene	45.78	5.6	55.96		81.8	67.5	132				
Toluene	45.35	5.6	55.96	0.9859	79.3	70.4	130				
Trichloroethene	43.84	5.6	55.96		78.3	70.1	137				
Surr: 4-Bromofluorobenzene	51.91	0	55.96		92.8	70	128				
Surr: Dibromofluoromethane	53.32	0	55.96		95.3	78.2	128				
Surr: Toluene-d8	56.87	0	55.96		102	76.5	116				

Sample ID: **1607J26-002AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **07/25/2016** Run No: **321704**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953429**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.20	5.6	55.96		100	56.6	151	51.40	8.93	20.4	
Benzene	48.52	5.6	55.96		86.7	70.4	130	46.98	3.23	16.9	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227231

Sample ID: **1607J26-002AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg-dry** Prep Date: **07/25/2016** Run No: **321704**
BatchID: **227231** Analysis Date: **07/25/2016** Seq No: **6953429**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	46.89	5.6	55.96		83.8	67.5	132	45.78	2.39	14.6	
Toluene	47.85	5.6	55.96	0.9859	83.7	70.4	130	45.35	5.36	16.6	
Trichloroethene	44.18	5.6	55.96		78.9	70.1	137	43.84	0.763	17	
Surr: 4-Bromofluorobenzene	53.55	0	55.96		95.7	70	128	51.91	0	0	
Surr: Dibromofluoromethane	54.32	0	55.96		97.1	78.2	128	53.32	0	0	
Surr: Toluene-d8	57.37	0	55.96		103	76.5	116	56.87	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227302

Sample ID: **MB-227302** Client ID: Units: **ug/Kg** Prep Date: **07/26/2016** Run No: **321841**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227302** Analysis Date: **07/26/2016** Seq No: **6955655**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	2500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227302

Sample ID: **MB-227302** Client ID: Units: **ug/Kg** Prep Date: **07/26/2016** Run No: **321841**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227302** Analysis Date: **07/26/2016** Seq No: **6955655**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	1940	0	2500		77.6	70	128				
Surr: Dibromofluoromethane	2708	0	2500		108	78.2	128				
Surr: Toluene-d8	2498	0	2500		99.9	76.5	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227302

Sample ID: **LCS-227302**	Client ID:		Units: **ug/Kg**	Prep Date: **07/26/2016**	Run No: **321841**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227302**	Analysis Date: **07/26/2016**	Seq No: **6955654**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2738	250	2500		110	69.9	145				
Benzene	2629	250	2500		105	72.3	130				
Chlorobenzene	2592	250	2500		104	69	130				
Toluene	2618	250	2500		105	71.1	130				
Trichloroethene	2364	250	2500		94.6	71.7	136				
Surr: 4-Bromofluorobenzene	1974	0	2500		79.0	70	128				
Surr: Dibromofluoromethane	2722	0	2500		109	78.2	128				
Surr: Toluene-d8	2438	0	2500		97.5	76.5	116				

Sample ID: **1607G89-006AMS**	Client ID: **AOC6-SD3-35N (1'-2')**		Units: **ug/Kg-dry**	Prep Date: **07/26/2016**	Run No: **321843**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227302**	Analysis Date: **07/27/2016**	Seq No: **6957318**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	22070	1800	17950		123	56.6	151				
Benzene	19900	1800	17950		111	70.4	130				
Chlorobenzene	18700	1800	17950		104	67.5	132				
Toluene	19940	1800	17950		111	70.4	130				
Trichloroethene	20580	1800	17950	2251	102	70.1	137				
Surr: 4-Bromofluorobenzene	14360	0	17950		80.0	70	128				
Surr: Dibromofluoromethane	18900	0	17950		105	78.2	128				
Surr: Toluene-d8	17470	0	17950		97.3	76.5	116				

Sample ID: **1607G89-006AMSD**	Client ID: **AOC6-SD3-35N (1'-2')**		Units: **ug/Kg-dry**	Prep Date: **07/26/2016**	Run No: **321843**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227302**	Analysis Date: **07/27/2016**	Seq No: **6957319**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	21810	1800	17950		122	56.6	151	22070	1.21	20.4	
Benzene	19690	1800	17950		110	70.4	130	19900	1.07	16.9	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227302

Sample ID: **1607G89-006AMSD** Client ID: **AOC6-SD3-35N (1'-2')** Units: **ug/Kg-dry** Prep Date: **07/26/2016** Run No: **321843**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227302** Analysis Date: **07/27/2016** Seq No: **6957319**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	19120	1800	17950		107	67.5	132	18700	2.24	14.6	
Toluene	20310	1800	17950		113	70.4	130	19940	1.82	16.6	
Trichloroethene	20260	1800	17950	2251	100	70.1	137	20580	1.56	17	
Surr: 4-Bromofluorobenzene	13480	0	17950		75.1	70	128	14360	0	0	
Surr: Dibromofluoromethane	19870	0	17950		111	78.2	128	18900	0	0	
Surr: Toluene-d8	17830	0	17950		99.3	76.5	116	17470	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227317

Sample ID: **MB-227317** Client ID: Units: **ug/Kg** Prep Date: **07/26/2016** Run No: **321878**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227317** Analysis Date: **07/26/2016** Seq No: **6956530**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227317

Sample ID: **MB-227317** Client ID: Units: **ug/Kg** Prep Date: **07/26/2016** Run No: **321878**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227317** Analysis Date: **07/26/2016** Seq No: **6956530**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	50.24	0	50.00		100	70	128				
Surr: Dibromofluoromethane	50.63	0	50.00		101	78.2	128				
Surr: Toluene-d8	50.66	0	50.00		101	76.5	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227317

Sample ID: **LCS-227317**	Client ID:		Units: **ug/Kg**	Prep Date: **07/26/2016**	Run No: **321911**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227317**	Analysis Date: **07/27/2016**	Seq No: **6956997**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.06	5.0	50.00		108	69.9	145				
Benzene	42.94	5.0	50.00		85.9	72.3	130				
Chlorobenzene	40.04	5.0	50.00		80.1	69	130				
Toluene	41.95	5.0	50.00		83.9	71.1	130				
Trichloroethene	37.71	5.0	50.00		75.4	71.7	136				
Surr: 4-Bromofluorobenzene	48.95	0	50.00		97.9	70	128				
Surr: Dibromofluoromethane	51.21	0	50.00		102	78.2	128				
Surr: Toluene-d8	52.88	0	50.00		106	76.5	116				

Sample ID: **1607G89-023AMS**	Client ID: **SB-8 (3-4FT)**		Units: **ug/Kg-dry**	Prep Date: **07/26/2016**	Run No: **321911**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227317**	Analysis Date: **07/27/2016**	Seq No: **6956998**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	64.84	6.3	62.99		103	56.6	151				
Benzene	56.76	6.3	62.99		90.1	70.4	130				
Chlorobenzene	55.49	6.3	62.99		88.1	67.5	132				
Toluene	55.99	6.3	62.99		88.9	70.4	130				
Trichloroethene	52.29	6.3	62.99		83.0	70.1	137				
Surr: 4-Bromofluorobenzene	57.49	0	62.99		91.3	70	128				
Surr: Dibromofluoromethane	61.69	0	62.99		97.9	78.2	128				
Surr: Toluene-d8	64.27	0	62.99		102	76.5	116				

Sample ID: **1607G89-023AMSD**	Client ID: **SB-8 (3-4FT)**		Units: **ug/Kg-dry**	Prep Date: **07/26/2016**	Run No: **321911**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **227317**	Analysis Date: **07/27/2016**	Seq No: **6957000**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	69.23	6.3	62.99		110	56.6	151	64.84	6.56	20.4	
Benzene	56.20	6.3	62.99		89.2	70.4	130	56.76	1.00	16.9	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227317

Sample ID: **1607G89-023AMSD** Client ID: **SB-8 (3-4FT)** Units: **ug/Kg-dry** Prep Date: **07/26/2016** Run No: **321911**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227317** Analysis Date: **07/27/2016** Seq No: **6957000**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.37	6.3	62.99		86.3	67.5	132	55.49	2.04	14.6	
Toluene	55.09	6.3	62.99		87.5	70.4	130	55.99	1.63	16.6	
Trichloroethene	51.85	6.3	62.99		82.3	70.1	137	52.29	0.847	17	
Surr: 4-Bromofluorobenzene	58.48	0	62.99		92.8	70	128	57.49	0	0	
Surr: Dibromofluoromethane	60.93	0	62.99		96.7	78.2	128	61.69	0	0	
Surr: Toluene-d8	65.05	0	62.99		103	76.5	116	64.27	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227340

Sample ID: **MB-227340** Client ID: Units: **ug/Kg** Prep Date: **07/27/2016** Run No: **321860**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957381**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227340

Sample ID: **MB-227340** Client ID: Units: **ug/Kg** Prep Date: **07/27/2016** Run No: **321860**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957381**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	41.06	0	50.00		82.1	70	128				
Surr: Dibromofluoromethane	49.70	0	50.00		99.4	78.2	128				
Surr: Toluene-d8	53.05	0	50.00		106	76.5	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227340

Sample ID: **LCS-227340** Client ID: Units: **ug/Kg** Prep Date: **07/27/2016** Run No: **321860**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957378**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.38	5.0	50.00		111	69.9	145				
Benzene	59.78	5.0	50.00		120	72.3	130				
Chlorobenzene	52.68	5.0	50.00		105	69	130				
Toluene	59.78	5.0	50.00		120	71.1	130				
Trichloroethene	64.45	5.0	50.00		129	71.7	136				
Surr: 4-Bromofluorobenzene	45.56	0	50.00		91.1	70	128				
Surr: Dibromofluoromethane	44.99	0	50.00		90.0	78.2	128				
Surr: Toluene-d8	52.34	0	50.00		105	76.5	116				

Sample ID: **1607H16-013AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **07/27/2016** Run No: **321860**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957379**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	88.00	6.3	63.21		139	56.6	151				
Benzene	65.13	6.3	63.21		103	70.4	130				
Chlorobenzene	69.91	6.3	63.21		111	67.5	132				
Toluene	81.42	6.3	63.21		129	70.4	130				
Trichloroethene	69.23	6.3	63.21		110	70.1	137				
Surr: 4-Bromofluorobenzene	58.29	0	63.21		92.2	70	128				
Surr: Dibromofluoromethane	55.90	0	63.21		88.4	78.2	128				
Surr: Toluene-d8	68.71	0	63.21		109	76.5	116				

Sample ID: **1607H16-013AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **07/27/2016** Run No: **321860**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957380**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	87.40	6.3	63.21		138	56.6	151	88.00	0.692	20.4	
Benzene	68.94	6.3	63.21		109	70.4	130	65.13	5.68	16.9	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental International Corp
Project Name: MTL
Workorder: 1607G89

ANALYTICAL QC SUMMARY REPORT

BatchID: 227340

Sample ID: **1607H16-013AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg-dry** Prep Date: **07/27/2016** Run No: **321860**
BatchID: **227340** Analysis Date: **07/27/2016** Seq No: **6957380**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	64.72	6.3	63.21		102	67.5	132	69.91	7.72	14.6	
Toluene	79.13	6.3	63.21		125	70.4	130	81.42	2.85	16.6	
Trichloroethene	73.89	6.3	63.21		117	70.1	137	69.23	6.52	17	
Surr: 4-Bromofluorobenzene	48.60	0	63.21		76.9	70	128	58.29	0	0	
Surr: Dibromofluoromethane	56.79	0	63.21		89.8	78.2	128	55.90	0	0	
Surr: Toluene-d8	72.62	0	63.21		115	76.5	116	68.71	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

HSI SITE 10406, FORMER MCKENZIE TANK LINES SITE

FIFTH SEMI-ANNUAL PROGRESS REPORT

ATTACHMENT 8-1
MONTHLY SUMMARY OF HOURS INVOICED (MAY 2016 – OCTOBER 2016)

Environmental International Corporation
McKenzie Tank Lines VIRP Summary of Hours
May 2016 through October 2016

TASKS	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	TOTAL
Semi-Annual Report	169.47	0.00	0.00	0.00	0.00	0.00	169
GW Sampling	16.28	1.72	20.50	0.00	0.00	0.00	39
Soil Boring/Sediment	1.30	51.68	179.53	24.12	0.00	0.00	257
TOTAL	**187**	**53**	**200**	**24**	**0**	**0**	**465**